

CP

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FIL WATER SANDS LOCATION INSPECTED SUB REPORT/abd

1-11-84 well name chg
1-31 Revised W/C

* Well has been approved for injection but no notice was given still B

DATE FILED 1-11-84

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 1-16-84 - GAS

SPUDDED IN: 1-31-84

COMPLETED: 9-18-84 PGLW PUT TO PRODUCING: 9-18-84

INITIAL PRODUCTION: 1453 BOPD, 7657 MCF

GRAVITY A.P.I. 48

GOR: 5282:1

PRODUCING ZONES: 14,348-626 ^{WD}, ~~14,199-440~~ ^{WD} Nugget

TOTAL DEPTH: 15300

WELL ELEVATION: 8256

DATE ABANDONED:

FIELD: ANSCHUTZ RANCH EAST

UNIT: ANSCHUTZ RANCH EAST

COUNTY: SUMMIT

WELL NO. ISLAND RANCHING E #3 ^{Prod 343 1277} ^{Surf: 4459 FSL 1287-FWL} API #43-043-30255

LOCATION ¹⁵⁸⁹ - 443' FSL FT. FROM (N) (S) LINE. ^{W-36-14} 2242' FWL FT. FROM (E) (W) LINE. SESW 1/4 - 1/4 SEC. 36

⁹²¹ - 925' FSL, ¹⁷⁸⁰ 1774' FWL ¹¹⁷¹

TWP. RGE. SEC. OPERATOR

4N 7 E 36 AMOCO PRODUCTION CO.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>Gannet 7740</i>	Dakota	Park City	McCracken
<i>Preuss 10578</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>Salt 11790</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>Salt Base 12230</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>Twin Creek 12305</i>	JURASSIC	CARBON I FEROUS	North Point
<i>Wash Nugget 14087</i>	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

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

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

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

7. Unit Agreement Name

ANSCHUTZ RANCH EAST

8. Farm or Lease Name

Island Ranching E

9. Well No.

#3

10. Field and Pool, or Wildcat

Anschutz Ranch East

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

Sec. 36, T4N, R7E

2. Name of Operator

AMOCO PRODUCTION COMPANY

3. Address of Operator

P.O. BOX 829 EVANSTON, WYOMING 82930

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

At surface SE/SW 1774' FWL & 925' FSL

At proposed prod. zone 2242' FWL & 443' FSL

12. County or Parrish 13. State

Summit Utah

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

16. No. of acres in lease

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.

19. Proposed depth

14,900'

20. Rotary or cable tools

Rotary

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

8237' GR

22. Approx. date work will start*

When approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
As required	20-24"	94#	80'	Cmt to surface
17 1/2"	13 3/8"	72# 88.2#	6150'	Cmt to surface <input checked="" type="checkbox"/>
12 1/4"	9 5/8" 9 7/8"	53.5# & 62.8#	12850'	Cmt across all pay zones and salt sections *
8 1/2"	7"	32#	14900'	

*Salt saturated cement to be used across the salt section and light weight cement (minimum 2000 psi-24 hrs. compressive strength) to be used across Nugget. Two stage surface if necessary for cementing to surface.

AMOCO PROPOSES TO DEVELOP NUGGET RESERVES

RECEIVED
JAN 21 1984

DIVISION OF
OIL, GAS & MINING

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 W.R. Thomson

Title Dist. Drlg. Superintendent

Date 01-06-84

(This space for Federal or State office use)

Permit No. _____ Approval Date _____

Approved by _____ Title _____

Conditions of approval, if any:

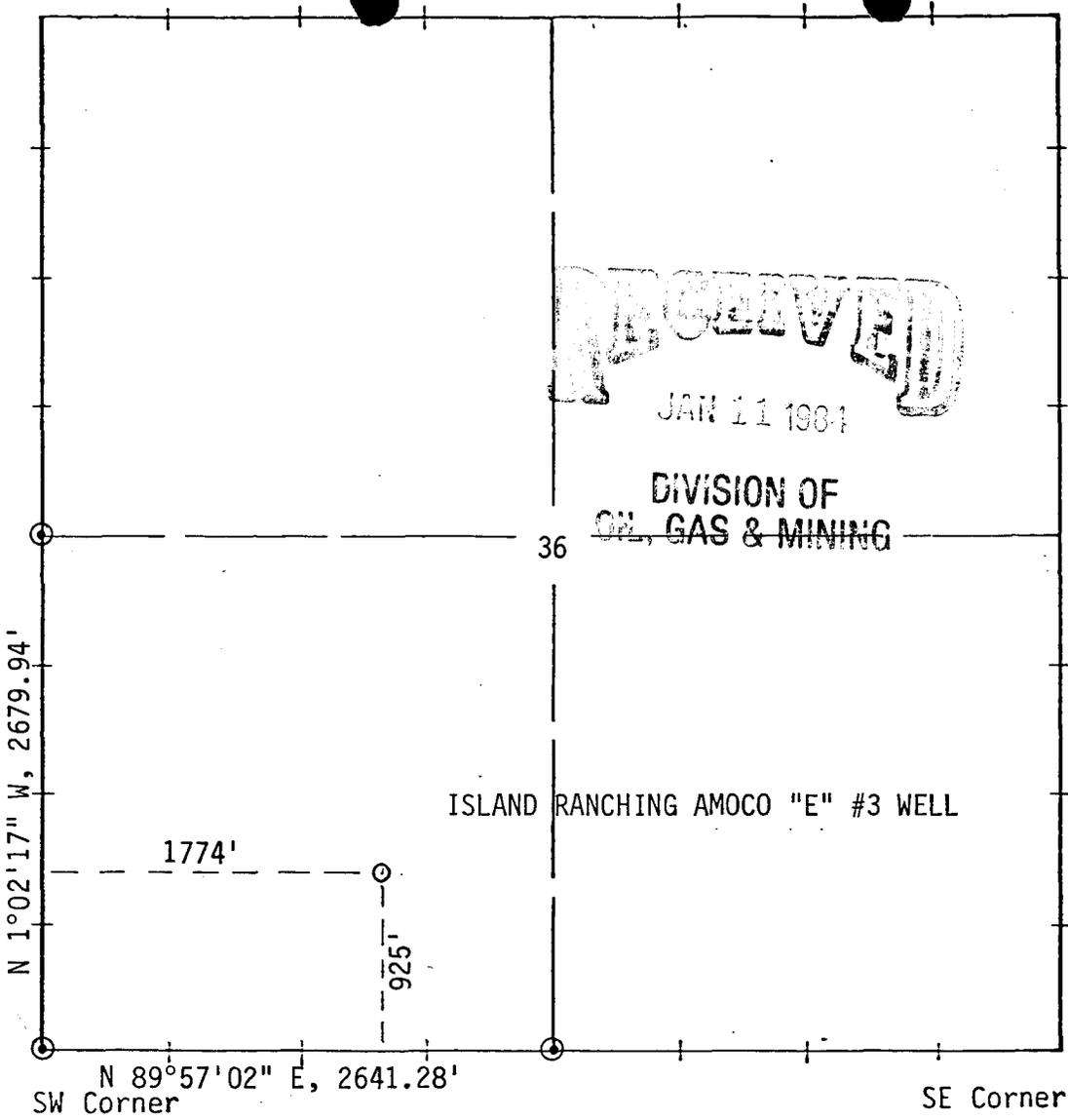
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE 1/16/84
BS

NW Corner

T 4 N

R 7 E

NE Corner



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 Jon Jensen of Evanston, Wyoming for Amoco Production Company I made a survey on the 4th day of January, 1984 for Location and Elevation of the Island Ranching Amoco "E" #3 Well as shown on the above map, the wellsite is in the SW-1/4 of Section 36, Township 4N, Range 7 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 8237 Feet Top of Hub Datum N.G.V.D. 1929 as determined from control network of area

Reference point _____
 Reference point _____
 Reference point _____
 Reference point _____

BOOK: 280, 102
 POINT #778
 DATE: 1/5/84
 JOB NO.: 82-10-25

John A. Proffit
 JOHN A. PROFFIT 2860
 UTAH ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

6) Mud Program:

<u>Interval</u>	<u>Type Mud</u>	<u>Wt#/gal</u>	<u>Viscosity</u>	<u>WL CC/30M</u>
0-6150'	✓ Spud mud	✓ 8.9#		Minimum properties to maintain stable wellbore. Sweeps as necessary for adequate hole cleaning.
6150-12850'	Sat. Salt*	10.4#	"	"
12850-14200'	Fresh Water	8.4#	"	"
14200-TD	LSND	8.7#		Properties as needed to minimize differential sticking.

*12-15% KCl mud. Saturate mud system with NaCl prior to drilling salt.

7) Auxiliary Equipment:

Kelly cock, no bit floats; ✓ sub with full opening valve 3" choke manifold with remote control choke; ✓ monitor system on pit level, audio and visual; mudlogger (2-man type) w/chromatograph..

8) Logging Program:

DIL-DLL-GR	Base Salt to Total depth
BHC-Sonic-GR-Cal	Base of surface casing to total depth
HDT-Cyberdip	Base of surface casing to total depth
FDC-CNL-GR-Cal	Base of surface casing to total depth
Gyro Directional	Base Salt to Total depth
GR should be run across salt (cased hole) on final logging run.	

Coring Program:

None planned

- 9) No abnormal pressures or temperatures are anticipated.
- 10) Anticipated starting date will be when approved and the duration of drilling operations will be approximately 180 days.

RECEIVED
JAN 11 1981

DIVISION OF
OIL, GAS & MINING

10-Point Drilling Program

Island Ranching E#3

- 1) Geologic name of the surface formation: Tertiary
- 2) Estimated tops of geological markers:

<u>FORMATION</u>	<u>DEPTH</u>
Aspen	6,100'
Gannet	8,100'
Fault	8,200'
Gannet (repeat)	8,300'
Preuss	10,300'
Fault	10,800'
Salt	12,000'
Twin Creek	12,750'
Nugget	14,300'
Total Depth	14,900'

- 3) Anticipated depths to encounter water, oil, gas or other mineral-bearing formations:

<u>Substance</u>	<u>Depth</u>
Oil, Gas	14,300'

- 4) Casing Program:

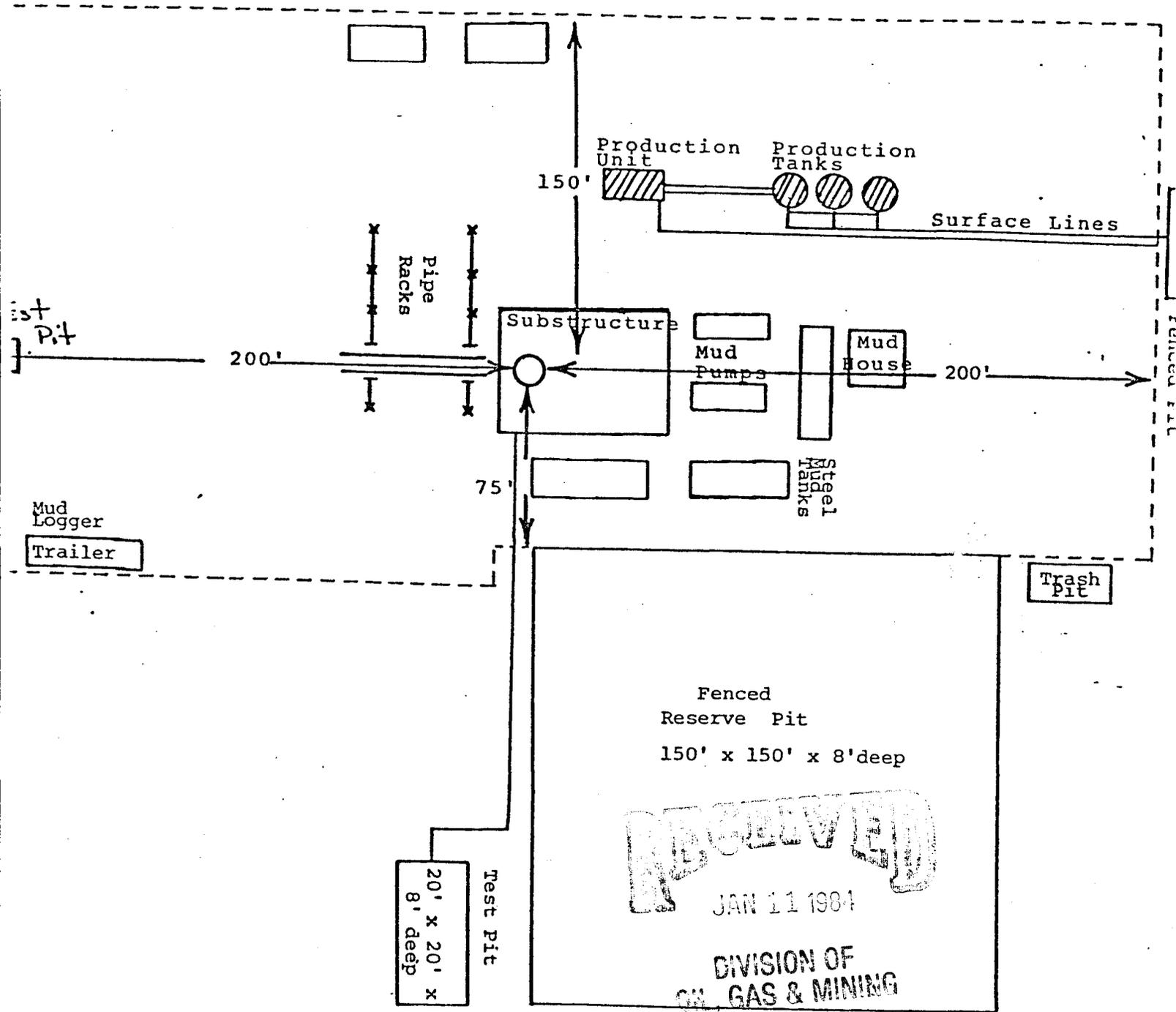
<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>Cementing Depth</u>
As req'd	20-24"	94#	K55	ST&C	80'
17½"	13 3/8"	72#88.2#	S95	ST&C	6150'
12¼"	9-5/8 9-7/8"	53.3#62.8#	HC95-S105	LT&C-SFJP	12850'
8½"	7"	32#	N80	LT&C	14900'

- 5) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. After running surface casing and prior to drilling out, the BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. BOPs will be tested every 30-day interval and after every string of casing is run. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

RECEIVED
JAN 11 1984

DIVISION OF
OIL, GAS & MINING

Tool Pushers Trailer Amoco Company Trailer



⊗ = Shows permanent production equipment to be installed after drilling rig has moved out.

--- Dotted lines indicated perimeter of leveled location.

The fenced pit used for production will be covered if any fluid is present. The drilling and production pads will be constructed with dozers and graders using native material.

TYPICAL
LOCATION
LAYOUT

AMOCO PRODUCTION COMPANY
P.O. BOX 829
EVANSTON, WYOMING 82930

EXHIBIT "D"

OPERATOR Amoco Production Co DATE 1-12-84

WELL NAME Island Ranching E #3

SEC SE SW 36 T. 4 N R. 7E COUNTY Summit

43-043-30255
API NUMBER

Free
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

Water a

CHIEF PETROLEUM ENGINEER REVIEW:

1/16/84

APPROVAL LETTER:

SPACING: A-3 Anschutz Ranch East c-3-a _____ CAUSE NO. & DATE
UNIT
 c-3-b c-3-c

SPECIAL LANGUAGE:

1 - Directional drilling information detailing exact bottom hole location to be submitted with well completion report.

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT Aspachuty Ranch East

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

January 16, 1984

Amoco Production Company
P. O. Box 829
Evanston, Wyoming 82930

RE: Well No. Island Ranching E #3
SESW Sec. 36, T. 4N, R. 7E
(Surface) 1774' FWL, 925' FSL
(BHL) 2242' FWL, 443' FSL
Summit County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

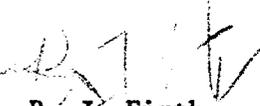
1. Directional drilling information detailing exact bottom hole location to be submitted with well completion report.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-5068 (Home).

The API number assigned to this well is 43-043-30255.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
Enclosure

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, Wyoming 82930		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/4 SW/4 1774' FWL & 925' FSL		8. FARM OR LEASE NAME Island Ranching E
14. PERMIT NO. 43-043-30255	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8237' GR	9. WELL NO. #3 W 36-14
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <u>SPUD</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.)*

The above described well was spud on January 31, 1984 at 6:30 AM.

RECEIVED
FEB 10 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED Larry L. Smith TITLE Stf Admin Analyst(SG) DATE 2/8/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930		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/4 SW/4 1774' FWL & 925' FSL		8. FARM OR LEASE NAME Island Ranching E	
14. PERMIT NO. 43-043-30255		9. WELL NO. #3	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8237' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

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

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

Date: 02/23/84

Total Depth: 1822

Drilling ahead with 17.5" bit

Spud date: 01/31/84

Drilling Contractor: Noble 116

RECEIVED
MAR 2 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED R. J. Urban TITLE Stf. Admin. Analyst (SG) DATE 2-28-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT **TRIPPLICATE***
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930		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/4 SW/4 1774' FWL & 925' FSL		8. FARM OR LEASE NAME Island Ranching E
14. PERMIT NO. 43-043-30255		9. WELL NO. #3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8237' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 36, T4N, R7E		12. COUNTY OR PARISH 13. 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"/>	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) Report of Operations <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.)*

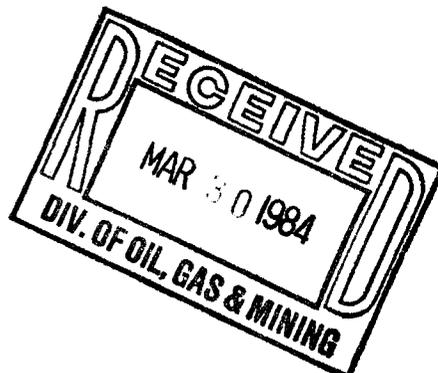
Date: 03/26/84

Total Depth: 6216'

Drilling ahead with 17.5" bit

Spud date: 01/31/84

Drilling Contractor: Noble 116



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

SIGNED J. D. Payne TITLE Administrative Supervisor DATE 3/28/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		RECEIVED MAY 21 1984		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company				6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Island Ranch E
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface SE/4 SW/4 1774' FWL & 925' FSL		9. WELL NO. #3		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
14. PERMIT NO. 43-043-30255		15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8237' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E
				12. COUNTY OR PARISH Summit
				18. 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>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.)*

Date: 04/17/84

Total Depth; 9109'

Drilling ahead with 12.250" bit

Spud Date: 01/31/84

Drilling Contractor: Noble 116

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

SIGNED

TITLE Administrative Supervisor

DATE 05/17/84

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

May 23, 1984

Amoco Production Company
Attn: J. S. Saye
P O Box 829
Evanston, Wyoming 82930

RE: Delinquent Monthly Reports
List of wells attached
April 1984 & May 1984

Dear Mr. Saye:

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

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month every month until the well is completed. This report may be filed on Form OGC-1b, "Sundry Notices and Reports on Wells". We are enclosing forms for your convenience.

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

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CLJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM
Ronald J. Firth, DOGM

Well No. Champlin 185 A#1
API #43-043-30188
Sec. 1, T. 3N, R. 7E.
Summit County, Utah

Well No. Thousand Peaks Ranches E#1
API #43-043-30241
Sec. 18, T. 3N, R. 8E.
Summit County, Utah

Well No. Champlin 187 A#1
API #43-043-30245
Sec. 25, T. 4N, R. 7E.
Summit County, Utah

Well No. Anschutz Ranch East W36-10
API #43-043-30227
Sec. 36, T. 4N, R. 7E.
Summit County, Utah

Well No. Island Ranching E#3 (W36-14)
API #43-043-30255
Sec. 36, T. 4N, R. 7E.
Summit County, Utah

Well No. Anschutz Ranch East W20-04
API #43-043-30238
Sec. 20, T. 4N, R. 8E.
Summit County, Utah

Well No. Anschutz Ranch East W30-12A
API #43-043-30230
Sec. 30, T. 4N, R. 8E.
Summit County, Utah

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 checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, Wyoming 82930		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/4 SW/4 1774' FWL & 925' FSL		8. FARM OR LEASE NAME Island Ranching E
14. PERMIT NO. 43-043-30255	15. ELEVATIONS (Show whether OP, RT, GR, etc.) 8237' GR	9. WELL NO. # 3
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SUBSVY OR AREA Sec. 36, T4N, 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) <u>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.) *

Date: 06/15/84

Total Depth: 11,910'

Drilling ahead: 12,250" bit

Spud Date: 01/31/84

Drilling Contractor: Noble 116

RECEIVED

JUN 20 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED *Devin L. Payne* TITLE Administrative Supervisor DATE 06/15/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 6-27-84

OIL CO.: Amoco

WELL NAME & NUMBER Island Ranching E-3

SECTION 36

TOWNSHIP 4-N

RANGE 7-E

COUNTY Summit

DRILLING CONTRACTOR Noble #116

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Ben Burl & Robert Farrell

RIG TOOL PUSHER.....

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative

Utah Oil & Gas

B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston.....OFFICE

ENTERPRISES
"DOUBLE D" TESTING

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

#3 No 2150

RENTED TO

Amoco

NO.

Double D

DATE

June 27/89

Island Ranching
LEASE

WELL NO.

E-3

ORDERED BY

Rental begins when tools leave our warehouse and continues until returned thereto. Rental day starts at midnight and part day shall be charged as full day.

TRANSPORTATION - TO AND FROM JOBSITE

DOUBLE D Portable BLOWOUT PREVENTER PR

First eight hour test period

Additional eight hours or fraction

Items Tested:

<i>Blinds</i>	rams to <i>3000</i> #	Csg. to _____ #	Choke Manifold <i>3000</i> #
<i>Pipes</i>	rams to <i>3000</i> #	Hydril B O P to <i>3000</i> #	Kelly Cock <i>3000</i> #
<i>Pipes</i>	rams to <i>3000</i> #	Choke Line <i>3000</i> #	Safety Valve <i>3000</i> #
_____	rams to _____ #	_____ #	<i>START 3000</i> #

TEST SUBS

15 IF TOP SUB, Kelly SUB, CIR SUB

OTHER

*10" Oct and warning pulser.
Shut casing valves & inside
wing valves & outside manifold valves
Set wear bushing.
Every thing tested good.*

I didn't charge you for plug.

We Appreciate Your Business

TERMS NET CASH - NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash - No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By:

OWNER OR OWNER'S REPRESENTATIVE

By:

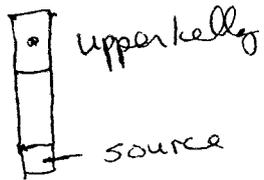
By:

Company	Lease and Well Name #	Date of test	Rig #
Amoco	Island Ranching	E-3	106116

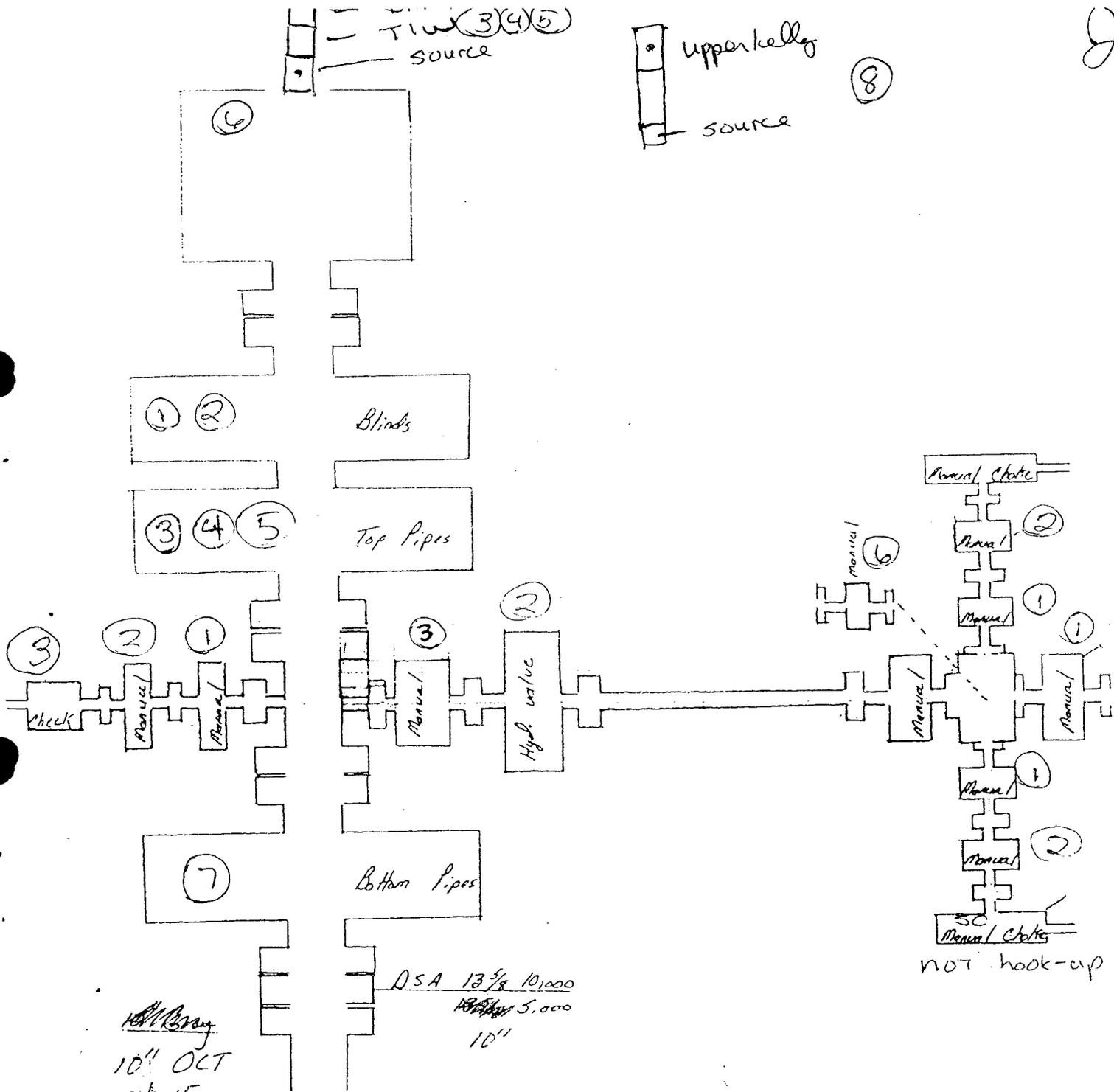
T #	Time	
	11:00-11:30	Loaded & got truck Ready.
	11:45-12:00	Check Unit.
	12:00-1:00	TRAVEL TIME
①	10:56	Blinds - 1st kill valve, - 1st manifold
②	11:34	Blinds - 2nd kill valve - 2nd manifold
	11:45-12:15	Rig up Tong & Tong up 5115, - crew change.
③	12:15	Top pipes - check valve - 4" manual choke valve
④	12:34	TOP PIPES - 1st kill - HCR.
⑤	1:00	TOP PIPES - manifold shut in valve (first valve or end of choke line)
⑥	1:30	HYDRILL HAD TO open & shut it once
		HYDRILL & vertical valve
	NOTE	③ ④ ⑤ ⑥ were all against TIW floor valve.
⑦	1:58	Lower Pipes DART valve had to Jack up.
	2:05	had to Jack up again.
	2:20 -	SHO Boots subs - pulled plug
		Set wear ring, pick up Kelly, make up sub on it.
⑧	3:46	Upper Kelly.
	4:00 - 4:30	Boots subs set valves on shack.
	4:30 - 4:45	Roll up
	4:45 to 5:30	TRAVEL TIME to Shop
	5:30 - 6:30	UNLOAD - Clean TRUCK.

June 27/84.

Flow (3)(4)(5)
source



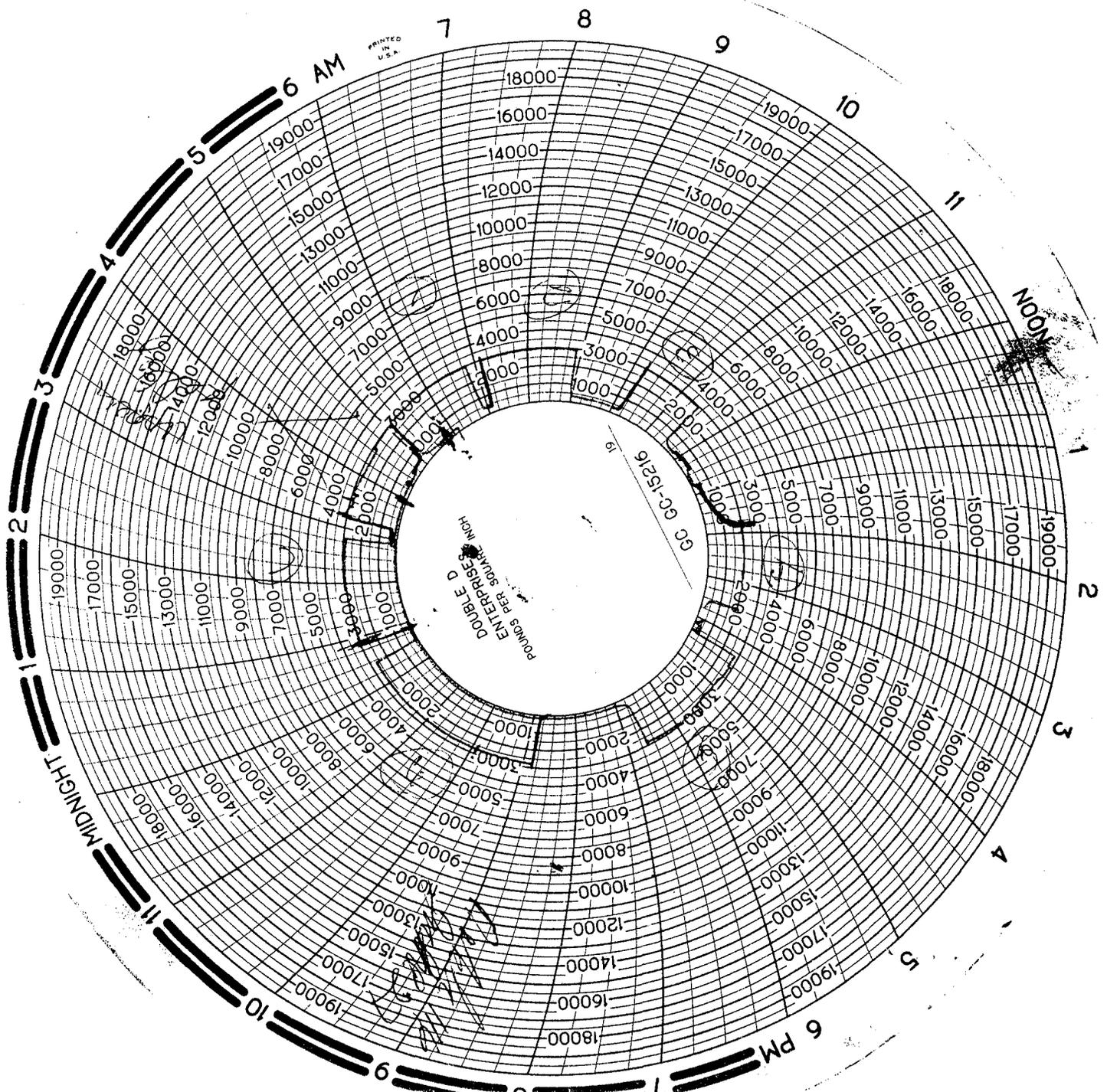
(8)



10" OCT
4 1/2 IF

DSA 13 3/8 10,000
~~10,000~~ 5,000
10"

PRINTED IN U.S.A.



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 [X] OTHER []
2. NAME OF OPERATOR Amoco Production Company
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, Wyoming 82930
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE/4 SW/4 1774' FWL & 925' FSL
14. PERMIT NO. 43-043-30255
15. ELEVATIONS (Show whether OF, ST, GR, etc.) 8237' GR

5. LEASE DESIGNATION AND SERIAL NO. Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Island Ranching "E"
9. WELL NO. #3
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36. T4N, 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: TEST WATER SHUT-OFF [] FRACTURE TREAT [] SHOOT OR ACIDIZE [] REPAIR WELL [] (Other) []
PULL OR ALTER CASING [] MULTIPLE COMPLETE [] ABANDON* [] CHANGE PLANS []
SUBSEQUENT REPORT OF: WATER SHUT-OFF [] FRACTURE TREATMENT [] SHOOTING OR ACIDIZING [] (Other) Report of Operations [X]
REPAIRING WELL [] ALTERING CASING [] ABANDONMENT* []
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Date: 07/23/84
Total Depth: 12,306'
Drilling Ahead: 12.250" bit
Spud Date: 01/31/84
Drilling Contractor: Noble 116

RECEIVED
JUL 26 1984
DIVISION OF OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Louis T. Hoggins TITLE Administrative Supervisor DATE 7/23/84
(This space for Federal or State office use)

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

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: ISLAND RANCHING 1-3

SECTION: 36 TOWNSHIP 4N RANGE 7E COUNTY: Summit

DRILLING CONTRACTOR: Noble

RIG # 116

BOP TEST: DATE: 8-2-84

TIME: 4:00 AM

DRILLING: _____

CASING: 7"

H₂S: _____

REPORTED BY: _____

TELEPHONE NO. _____

DATE: 8-2-84 SIGNED _____

LOCATION: Anschutz Ranch East - W36-14

DATE: 8/15/84

SUBJECT: Wellbore Diagram

BY: CLD

7"-7 5/8"

13 3/8" and or 13 5/8"

9 5/8"-9 7/8"-10 5/8"

Bear River 6065'

13 3/8" 72# 68# 61#

CSA@ 6,215'

Gannet 8,550'

Stump 10,518'

Preuss 10,621'

10 5/8" - 9 5/8" 101.4# 53.5# 47#

CSA@ 12,397'

7" 32#

Tubing: _____

CSA@ 15,300

TD 15,300

note: ===== cement

Client AMOCO Sample # #11324
 Address _____ (Assigned by Lab)

Source RESERVE PIT FLUIDS Location I.R. #E-3

Date/Time Collected 08-13-84 Date/Time Received _____

CATIONS				ANIONS					
		Price	meq/l	mg/l		Price	meq/l	mg/l	
Sodium	(Na)	\$3.50	_____	15,000	Chloride	(Cl)	\$4.00	_____	36,000
Potassium	(K)	\$3.50	_____	15,000	Fluoride	(F)	\$4.00	_____	_____
Magnesium	(Mg)	\$5.00	_____	410	Nitrate	(NO ₃ -N)	\$5.00	_____	_____
Calcium	(Ca)	\$5.00	_____	280	Sulfate	(SO ₄)	\$7.50	_____	_____
_____	_____	_____	_____	_____	Carbonate	(CO ₃)	\$3.00	_____	LT 0.1
_____	_____	_____	_____	_____	Bicarbonate	(HCO ₃)	\$3.00	_____	500
TOTAL				TOTAL					

Trace Element Analyses		Price	mg/l	Other Constituents		Price	mg/l
Aluminum	(Al)	\$8.00	_____	pH		\$2.50	_____
Arsenic	(As)	\$15.00	_____	Conductivity	(umhos @ 25 °C)	\$2.50	OUT OF RANGE
Barium	(Ba)	\$8.00	_____	Total Alkalinity	(CaCO ₃)	\$3.00	410
Beryllium	(Be)	\$8.00	_____	Hardness	(CaCO ₃)	\$2.50	1700
Boron	(B)	\$7.00	_____	Total Dissolved Solids	(180 °C)	\$3.50	_____
Cadmium	(Cd)	\$6.00	_____	Suspended Solids	(103 °C)	\$3.00	_____
Chromium	(Cr)	\$6.00	_____	Total Solids	(103 °C)	\$3.00	_____
Cobalt	(Co)	\$6.00	_____	Ortho Phosphate	(PO ₄ -P)	\$6.00	_____
Copper	(Cu)	\$6.00	_____	Total Phosphate	(PO ₄ -P)	\$8.00	_____
Cyanide	(CN)	\$6.00	_____	Ammonia	(NH ₃ -N)	\$5.00	_____
Iron	(Fe)	\$6.00	_____	Total Kjeldahl Nitrogen	(TKN-N)	\$12.00	_____
Lead	(Pb)	\$6.00	_____	Sulfide	(S)	\$6.00	_____
Manganese	(Mn)	\$6.00	_____	Sulfite	(SO ₃)	\$3.00	_____
Mercury	(Hg)	\$15.00	_____	Tetrathionate	(S ₄ O ₆ -S)	\$10.00	_____
Nickel	(Ni)	\$6.00	_____	Thiocyanate	(SCN-S)	\$10.00	_____
Selenium	(Se)	\$15.00	_____	Thiosulfate	(S ₂ O ₃ -S)	\$10.00	_____
Silica	(SiO ₂)	\$10.00	_____	Oil and Grease	(Freon Ext.)	\$18.00	_____
Silver	(Ag)	\$6.00	_____	Chemical Oxygen Demand	(C.O.D.)	\$7.00	_____
Strontium	(Sr)	\$6.00	_____	Chlorophyll A		\$10.00	_____
Uranium	(U)	\$12.00	_____	Residual Chlorine	(Cl ₂)	\$2.50	_____
Vanadium	(V)	\$9.00	_____	Dissolved Oxygen	(O ₂)	\$3.00	_____
Zinc	(Zn)	\$6.00	_____	B.O.D.	(5 day @ 20 °C)	\$7.00	_____
_____	_____	_____	_____	Fecal Coliform	(per 100 ml-MF)	\$5.00	_____
_____	_____	_____	_____	Total Coliform	(per 100 ml-MF)	\$5.00	_____

Charge _____ Date Completed _____

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

---oo0oo---

IN THE MATTER OF DISPOSAL :
OF RESERVE PIT DRILLING : EMERGENCY ORDER
FLUIDS BY DOWN-HOLE INJECTION :

---oo0oo---

The Director of the Utah Division of Oil, Gas and Mining finds that an emergency situation requiring immediate action exists as a result of the need for disposal of reserve pit fluids.

Pursuant to the authority granted under Section 40-6-10(2) Utah Code Annotated (1953, as amended) and the regulatory authority under Section 40-6-5(2)(d) pertaining to reserve pits and associated fluids, the Director hereby orders that operations for the one-time down-hole injection of drilling fluids be permitted.

The following requirements will be necessary for this permitting procedure:

1. Injection of reserve pit fluids will be considered on a case-by-case basis. An operator should submit a proposal for injection of reserve pit drilling fluids to the Division.
2. Each proposed procedure will be reviewed by the Division for conformance to those requirements and standards for permitting disposal wells under the Utah Underground Injection Control (UIC) Program, to assure protection of fresh-water resources.
3. The subsurface disposal interval will be verified by temperature log, or suitable alternative, during the disposal operation.

EMERGENCY ORDER
Page 2

4. The Division will designate other conditions for disposal, as necessary, in order to insure safe, efficient fluid disposal.

DATED this 4th day of February, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



Dianne R. Nielson, Director

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW
* * * * *

Operator: Amoco Well No. ARE W36-14
 County: Summit T 4N R 8E Sec. 36 API# _____
 New Well ___ Conversion X Disposal Well ___ Enhanced Recovery Well X

	YES	NO
UIC Forms Completed	<u>✓</u>	
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓ in unit</u>	
Schematic Diagram	<u>✓</u>	
Fracture Information	<u>✓ ? see comments</u>	
Pressure and Rate Control	<u>✓</u>	
Adequate Geologic Information	<u>✓</u>	
Fluid Source	<u>prod. gas + Nitrog. plant</u>	
Analysis of Injection Fluid	Yes ___ No <u>gas</u> TDS ___	
Analysis of Water in Formation to be injected into	Yes ___ No <u>✓</u> TDS ___	
Known USDW in area	___	Depth <u>~3000'</u>
Number of wells in area of review	<u>5</u> Prod. <u>4</u> P&A ___	
	Water ___	Inj. <u>1</u>
Aquifer Exemption	Yes ___ NA <u>✓</u>	
Mechanical Integrity Test	Yes <u>✓</u> No ___	
	Date <u>8/23/84</u>	Type <u>PT</u>

Comments: Seperate test provided shows 50 MMSCFD would be above frac pressures, are they assuming parting press. will increase that much with time.

Reviewed by: [Signature] 7/15/85

6722

RECEIVED

SEP 4 1984

DIVISION OF OIL
GAS & MINING

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... 8-21-84

OIL CO.: AMOCO

WELL NAME & NUMBER ISLAND RANCH # 3-3

SECTION 36

TOWNSHIP 4N

RANGE 7E

COUNTY SUMMIT UTAH

DRILLING CONTRACTOR CANNON #9 WORKOVER

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE HUBER STALLINGS

RIG TOOL PUSHER COON

TESTED OUT OF EVANSTON

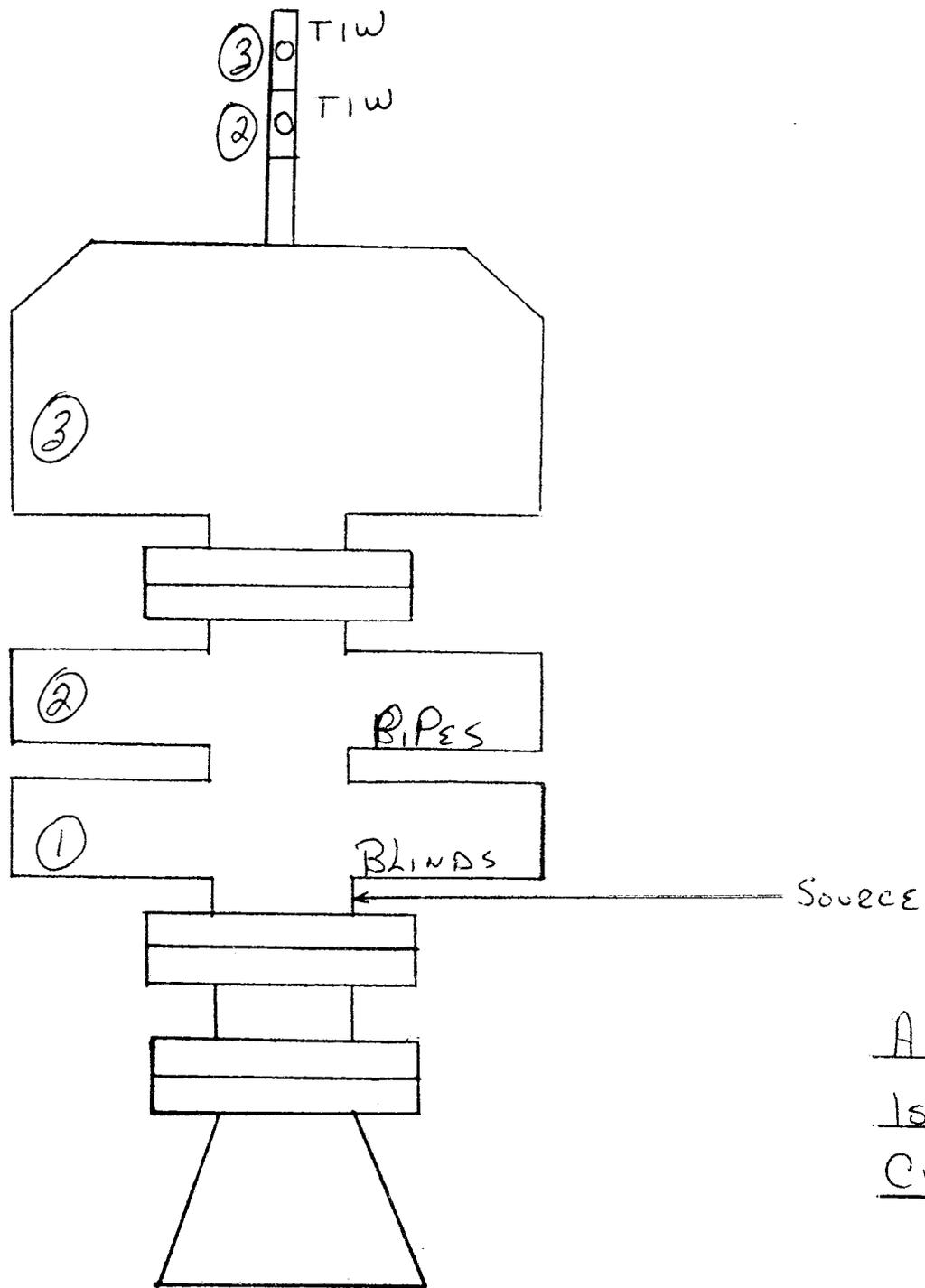
NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO:

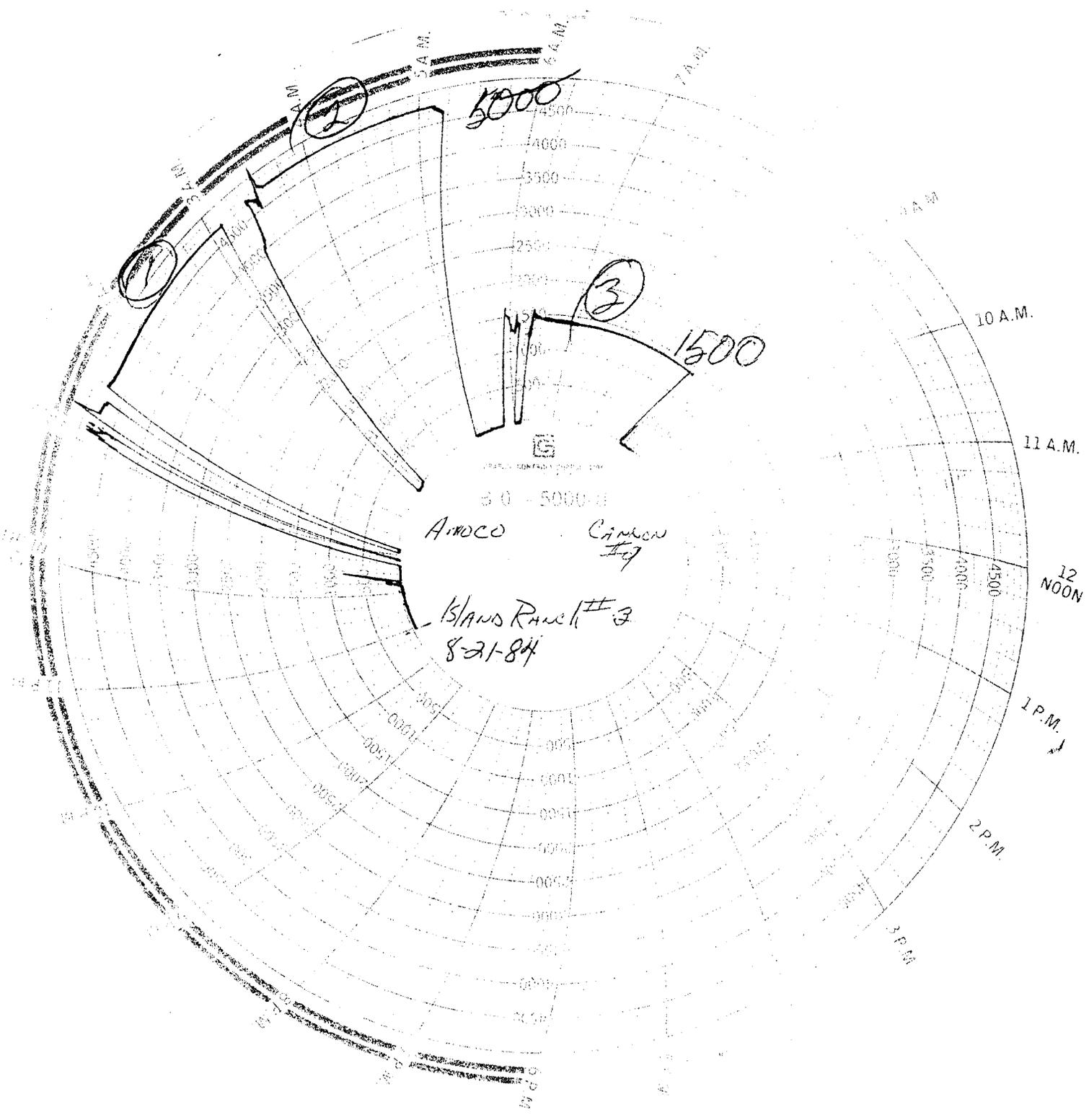
ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTONOFFICE

Company	Lease and Well Name #	Date of test	Rig #
Amoco	ISLAND RANCH # E-3	8-21-84	CANNON #

Time	Activity
7:30 - 9:00	LOADOUT & TRAVEL
9:00 - 9:30	RIG UP
9:30	HOOK UP ROOMEY LINES - SET PLUG & ENERGIZE
11:00	FILL STACK CLOSE BLINDS
① 11:00 - 11:05	5000 BLINDS TIEDOWN LEAKS
11:05 - 11:10	TIGHTEN LEAKS
① 11:10 - 11:25	5000 BLINDS 5000 O.K.
11:25 - 11:30	STAB PLUG - CLOSE T.I.W. & PIPES
② 11:30 - 11:45	5000 PIPES & T.I.W.
11:45 - 11:50	CLOSE T.I.W. & WORK HYDRIL
③ 11:50 - 11:55	1500 NO TEST
11:55 - 12:00	WORK HYDRIL
③ 12:00 - 12:15	1500 HYDRIL -
12:15 -	PULL PLUG & SPOOL UP - LOADOUT & TRAVEL



Amoco 8-21-84
Island Ranch #E3
CANNON #9



1000

1500

30 - 5000 ft

Amoco Cannon

Islands Ranch #3
8-21-84

10 A.M.

11 A.M.

12 NOON

1 P.M.

2 P.M.

3 P.M.

5:4 A.M.

6:4 A.M.

7 A.M.

8 A.M.

9 A.M.

10 P.M.

11 P.M.

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. BOX 829, EVANSTON, WYOMING 82930		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 SESW 1774' FWL & 925' FSL		8. FARM OR LEASE NAME Island Ranching "E"
14. PERMIT NO. 43-043-30255	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 8237' GR	9. WELL NO. # 3
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC. T., S., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH 13. 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"/>	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>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.)*

Date: 08/22/84

Total Depth: 15,300'

Spud Date: 01/31/84

Rig up Completion Rig

Preparing to Build Tank Battery

RECEIVED

AUG 23 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED Quint L. Payne TITLE Administrative Supervisor DATE 8/22/84

(This space for Federal or State office use)

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

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. BOX 829 EVANSTON, WYOMING 82930		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 SESW 1774' FWL & 925' FSL		8. FARM OR LEASE NAME Island Ranching "E"
14. PERMIT NO. 43-043-30255	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8237' GR	9. WELL NO. #3
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, 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) <u>Report of Operations</u> <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.)*

Date: 10/22/84

Total Depth: 15,300'

Spud Date: 01/31/84

Still in process of completing well

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

SIGNED *David L. Jorgensen* TITLE Administrative Supervisor DATE 10/22/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

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

56 64 01

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. RESV. Other _____

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P.O. BOX 829 EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal regulations)
At surface 1780' FWL & 901' FSL
At top prod. interval reported below 1283' FWL & 1459' FSL
At total depth 1179' FWL & 1889' FSL

RECEIVED

NOV 07 1984

SESW
NGSD
DIVISION OF OIL
GAS & MINING

14. PERMIT NO. 43-043-30255 DATE ISSUED 01/16/84

15. DATE SPUNDED 2/1/84 16. DATE T.D. REACHED 7/31/84 17. DATE COMPL. (Ready to prod.) 9/18/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 8256' KB 19. ELEV. CASINGHEAD 8231' GL

20. TOTAL DEPTH, MD & TVD 15300' MD 15027' TVD 21. PLUG, BACK T.D., MD & TVD 15233' MD 14959' TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY surf to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Nugget Sandstone: 14348 - 14626 MD
14199 - 14440 TVD

25. WAS DIRECTIONAL SURVEY MADE surface to TD

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, DL, Microlog, BHS, TDT, CBL, Prod. log, Dipmeter 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61,68	6225'	17.5	6300 sx A & G	None
10 5/8", 9 5/8"	101.4, 53.5	12397'	12.25	1415 sc G	
7"	32	15300'	8.5	365 sx A & G	

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)

14348'-14408'	14417'-14431'
14444'-14536'	14552'-14570'
14609'-14626'	

All 4JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14609'-14626'	850 gal 7 1/2% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION 9/18/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/25/84	24	37		1453	7675	0	5282

FLOW. TUBING PRESS. 1600 CASING PRESSURE 0 CALCULATED 24-HOUR RATE 1453 OIL—BBL. 1453 GAS—MCF. 7657 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 48

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Re-injected for pressure maintenance 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 District Drilling Engineer DATE 11/5/84

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

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

SUBMIT IN TRIPLICATE*
(See instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED MAR 21 1985 DIVISION OF OIL GAS & MINING		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY				6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930				7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1780' FWL & 901' FSL				8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30255	15. ELEVATIONS (Show whether DP, RT, GR, etc.) 8256' KB		9. WELL NO. W36-14 (I.R. E#3)	10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
			11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 36, T4N, 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) <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.)*

Completion of Annular Disposal of Reserve Pit Fluid

Zone of Disposal: 6800 - 6950 verified with temperature survey log

Maximum displacement pressure: 2000 psi

Maximum displacement rate: 1/2 bbl/min

Total volume disposed: 8380 bbls

Ceased disposal operations: 3/10/85

Cemented 13 3/8" - 9 5/8" annulus w/600 sx Class H cement

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

SIGNED C. D. Blum TITLE District Drilling Engineer DATE 3-20-85

(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

3. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W36-14

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 36 T4N R7E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
1011 Cheyenne Drive Evanston, Wyoming 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1,774' FWL 925' FSL

14. PERMIT NO. 43-043-30255

15. ELEVATIONS (Show whether of, ft., or, etc.)
8,237' GR

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

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

(Other) For Your Information

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

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

Propose to Pump and Dispose of Reserve Pit Fluid Downhole 13 3/8" - 9 5/8" Casing Annulus

Formation and Casing Tests: 13 3/8" casing to 2,000 psi and open hole shoe to 3,881 psi (BHP)
9 5/8" casing to 1,000 psi and open hole shoe to 7,738 psi (BHP) no leak-off

Maximum Displacement Pressure will not exceed 3,881 psi (BHP)
Estimate disposal of 18,000 bbl. reserve pit fluid
Estimated date of operation 8/16/84 - 9/6/84

Attachments: Casing and Cementing Diagram
Composite Reserve Pit Fluid Analysis

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

DATE: 8/13/85
BY: [Signature]

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

SIGNED NE-Thomas TITLE Drilling Foreman District Manager DATE 8/14/84

(This space for Federal or State office use)

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

April 15, 1985

Amoco Production Company
P. O. Box 829
Evanston, WY 82930

Attention: D. B. Blevins

Gentlemen:

RE: Reserve Pit Drilling Fluid Disposal - Anschutz Ranch East
Unit No. W36-14 (I.R. E#3) Well - Section 36, T4N, R7E,
Summit County, Utah

The Division staff has reviewed your proposed procedure for drilling fluid disposal operations on the referenced well. We have determined that your request conforms to the requirements of the Emergency Order dated February 4, 1985; therefore, approval to proceed with this disposal operation is hereby granted.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

jbl

cc: R. J. Firth
J. R. Baza

0097T

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

---oo0oo---

IN THE MATTER OF DISPOSAL :
OF RESERVE PIT DRILLING : EMERGENCY ORDER
FLUIDS BY DOWN-HOLE INJECTION :

---oo0oo---

The Director of the Utah Division of Oil, Gas and Mining finds that an emergency situation requiring immediate action exists as a result of the need for disposal of reserve pit fluids.

Pursuant to the authority granted under Section 40-6-10(2) Utah Code Annotated (1953, as amended) and the regulatory authority under Section 40-6-5(2)(d) pertaining to reserve pits and associated fluids, the Director hereby orders that operations for the one-time down-hole injection of drilling fluids be permitted.

The following requirements will be necessary for this permitting procedure:

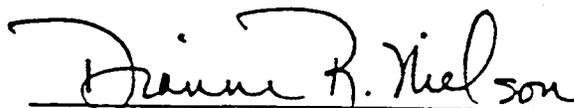
1. Injection of reserve pit fluids will be considered on a case-by-case basis. An operator should submit a proposal for injection of reserve pit drilling fluids to the Division.
2. Each proposed procedure will be reviewed by the Division for conformance to those requirements and standards for permitting disposal wells under the Utah Underground Injection Control (UIC) Program, to assure protection of fresh-water resources.
3. The subsurface disposal interval will be verified by temperature log, or suitable alternative, during the disposal operation.

EMERGENCY ORDER
Page 2

4. The Division will designate other conditions for disposal, as necessary, in order to insure safe, efficient fluid disposal.

DATED this 4th day of February, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



Dianne R. Nielson, Director

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

SUBMIT IN TRIPPLICATE
(Use instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO. Fee																				
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR 1011 Cheyenne Drive Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1,774' FWL 925' FSL		8. FARM OR LEASE NAME Anschutz Ranch East																				
14. PERMIT NO. 43-043-30255	15. ELEVATIONS (Show whether OF, ST, GR, etc.) 8,237' GR	9. WELL NO. W36-14																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 36 T4N R7E
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		12. COUNTY OR PARISH Summit																				
		13. STATE Utah																				

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

Propose to Pump and Dispose of Reserve Pit Fluid Downhole 13 3/8" - 9 5/8" Casing Annulus

Formation and Casing Tests: 13 3/8" casing to 2,000 psi and open hole shoe to 3,881 psi (BHP)
9 5/8" casing to 1,000 psi and open hole shoe to 7,738 psi (BHP) no leak-off

Maximum Displacement Pressure will not exceed 3,881 psi (BHP)
Estimate disposal of 18,000 bbl. reserve pit fluid
Estimated date of operation 8/16/84 - 9/6/84

Attachments: Casing and Cementing Diagram
Composite Reserve Pit Fluid Analysis

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

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/15/85
BY: [Signature]

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

SIGNED NE Thibe TITLE Drilling Foreman District Manager DATE 8/15/85

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

JUL 10 1985

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1780' FWL & 901' FSL		8. FARM OR LEASE NAME W36-14
14. PERMIT NO. 43-043-30255		9. WELL NO. W36-14
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8256' KB 8231' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., S., M., OR BLE. AND SURVEY OR AREA Sec. 36, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) Convert to Injector (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.)*

Perforate:

- 14,066' - 14,070'
- 14,078' - 14,104'
- 14,110' - 14,118'
- 14,146' - 14,162'
- 14,185' - 14,217'
- 14,226' - 14,242'

Equip well for injection

Estimated start date is July 22, 1985

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

SIGNED Van E. Roter TITLE District Engineer DATE 7/8/85

(This space for Federal or State Office use)

APPROVED BY Dean B. Foy TITLE VIC Manager DATE 7/11/85

CONDITIONS OF APPROVAL, IF ANY:



OK
Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307-789-1700

T. G. Doss
District Manager

July 8, 1985

State of Utah
Natural Resources and Energy
4241 State Office Building
Salt Lake City, UT 84114

RECEIVED

JUL 15 1985

Attn: Cleon B. Feight

DIVISION OF OIL
GAS & MINING

File: VEP-306-WF

Injection Well Application
ARE W36-14
Anschutz Ranch East
Summit County, Utah

As requested by C. B. Feight (January 24, 1983), the following application for an Underground Injection Control Class II Well is submitted for your review and approval. The Anschutz Ranch East W36-14 well is the tenth well to be used for gas injection purposes in the Anschutz Ranch East field (reference Amoco Production Company letter dated April 7, 1983). Please find attached the above mentioned application and attachments for the ARE W36-14 well.

Amoco Production Company has reviewed Rule 1, Underground Injection Criteria and Standards. All data requested for Rule I-5, Application for Approval of Class II Injection Wells, has been submitted under this letter. Additionally, Amoco has reviewed R-I-6, Operating Requirements for Class II Injection Wells, and will meet the requirements as specified. Amoco recommends an alternative to Rule I-6-A-3 regarding pressure testing the casing as noted in the attached section entitled "Pressure Testing".

As always, measures are being undertaken to ensure that contamination of fresh water will not occur. It should be noted that a step-rate test was conducted during February 1985, to establish the parting pressure of the Nugget formation. Amoco will ensure that injection pressures are less than that parting pressure.

Please direct any questions to Mike Healey in the Evanston District Office at (307) 789-1700.

T. G. Doss *TFP*

T. G. Doss

MWH/ht

Attachments

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)

RECEIVED

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

JUL 15 1985

DIVISION OF OIL
 GAS & MINING

IN THE MATTER OF THE APPLICATION OF
Amoco Production Company, USA
 ADDRESS P.O. Box 829
Evanston, Wyoming ZIP 82930
 INDIVIDUAL PARTNERSHIP CORPORATION XX
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE W36-14 WELL
 SEC. 36 TWP. 4N RANGE 7E
Summit COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input 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 UPRR 31-1	Well No. ARE W36-14	Field Anschutz Ranch East	County Summit
Location of Enhanced Recovery Injection or Disposal Well _____ Sec. <u>36</u> Twp. <u>4N</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 checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>8/23/84</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>≈ 3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What Gas	
Location of Injection Source(s) Nitrogen extraction plant Uinta County, Wyoming	Geologic Name(s) and Depth of Source(s) Nitrogen extraction via atmosphere		
Geologic Name of Injection Zone Nugget	Depth of Injection Interval <u>14052</u> to <u>14626</u>		
a. Top of the Perforated Interval: <u>14,066'</u>	b. Base of Fresh Water: <u>3000</u>	c. Intervening Thickness (a minus b) <u>11,066'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/>			
Lithology of Intervening Zones Gannet (Clay stone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)			
Injection Rates and Pressures Maximum <u>50</u> MMSCFD <u>8/D</u> <u>6100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. All interest owners in Anschutz Ranch East Field are members of a unit agreement			

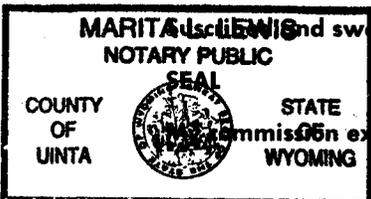
State of Wyoming)

Amoco Production Company)
 Applicant

Van E. Prater

County of Uinta)

Before me, the undersigned authority, on this day personally appeared Van E. Prater 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 10th day of July, 19 85

Marita Lewis
 Notary Public in and for Uinta County

(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"	6225	6300	Surface	
Intermediate	9-5/8&10-5/8"	12397	1415	11150	CBL
Production	7"	15300	365	13700	CBL
Tubing	3 1/2"	Will be SA 13700'	Name - Type - Depth of Tubing, Packer Baker Retrieval "DB" SA ≈ 13800'		
Total Depth 15300'	Geologic Name - Inj. Zone Nugget	Depth - Top of Inj. Interval 14066'	Depth - Base of Inj. Interval 14626'		

LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

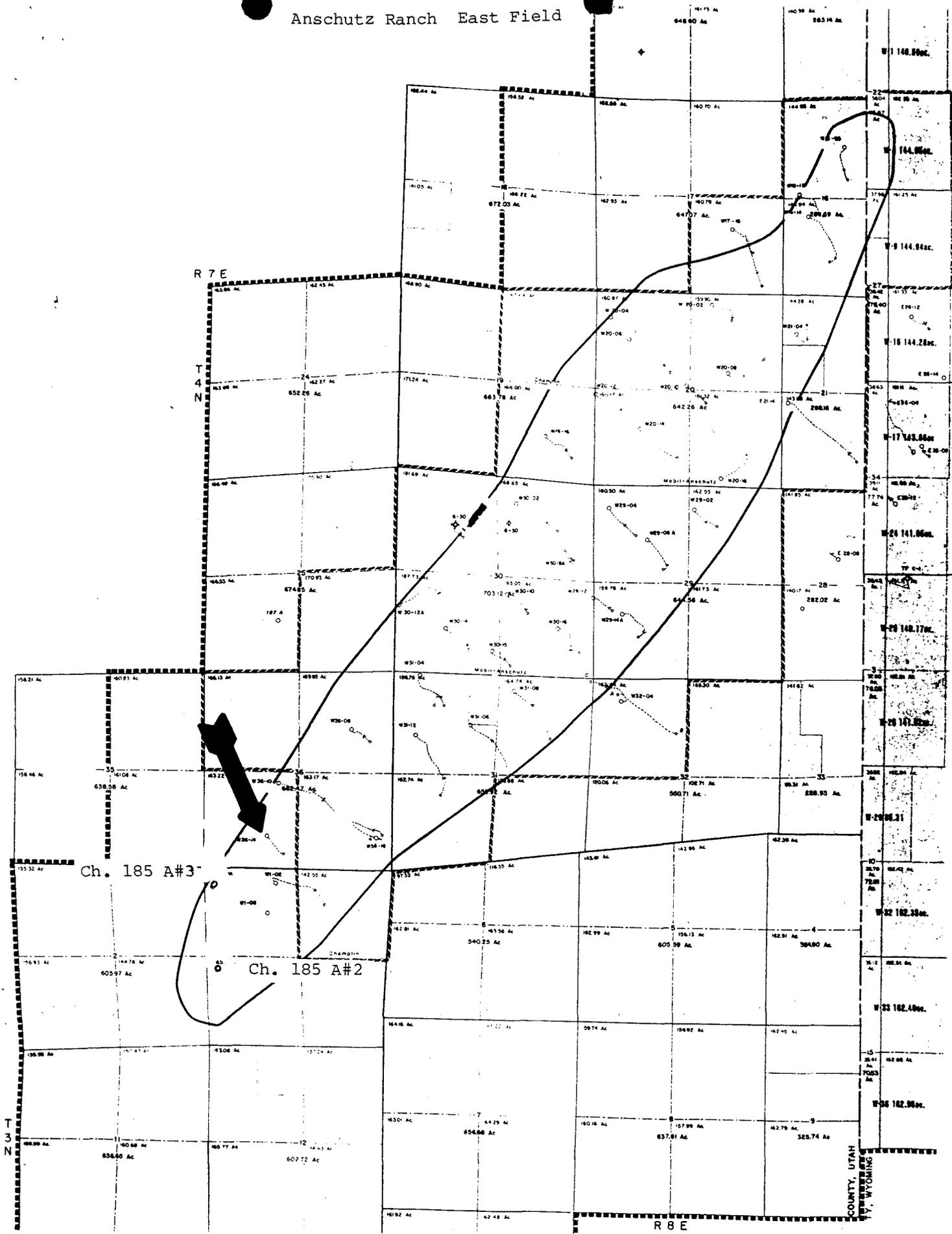
FORMATION PRESSURE TESTING

MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

Anschutz Ranch East Field



Ch. 185 A#3

Ch. 185 A#2

COUNTY, UTAH
T. 4 N. R. 7 E.

Anschutz Ranch East

Surface Owners Within One-Half Mile of the W36-14 Injection Well*

<u>Well</u>	<u>Type</u>	<u>Total Depth</u>	<u>Surface Owners</u>
W1-02	Injection	15,208'	Anschutz - Sec. 1
W1-06	Producing	15,848'	Anschutz - Sec. 1
W36-10	Producing	15,198'	Anschutz - Sec. 36
W36-16	Producing	14,775'	Anschutz - Sec. 36
Ch. 185 A#3	Completing as producer	15,353'	Anschutz - Sec. 1

* Amoco operates all the wells in the field

Injection

Maximum injection rate - 50 MMSCFD

Maximum surface pressure - 6100 psi

Injection fluid- 65% hydrocarbon gas/35% nitrogen

A step rate test was conducted during February, 1985 on the ARE W20-14 injection well in the Nugget formation. One hundred percent nitrogen was used for the test. Injection rates started at 3 MMSCFD at a wellhead pressure of 3760 psi (BHP = 5329 psi) and were increased to a final rate of 60.5 MMSCFD at a wellhead pressure of 5552 psi (BHP = 6616 psi). A cartesian plot of injection rate versus bottomhole pressure shows that the Nugget formation did fracture. The fracture gradient was calculated to be .51 psi/ft. The W20-14 injection rate has since been reduced in order not to fracture the well. Other injection wells do not appear to be fracturing based on recent flowing bottomhole pressure information and the .51 psi/ft fracture gradient. Step rate tests are scheduled for the remaining injectors to ensure the wells are not fracturing.

ANSCHUTZ W20-14 STEP RATE TEST

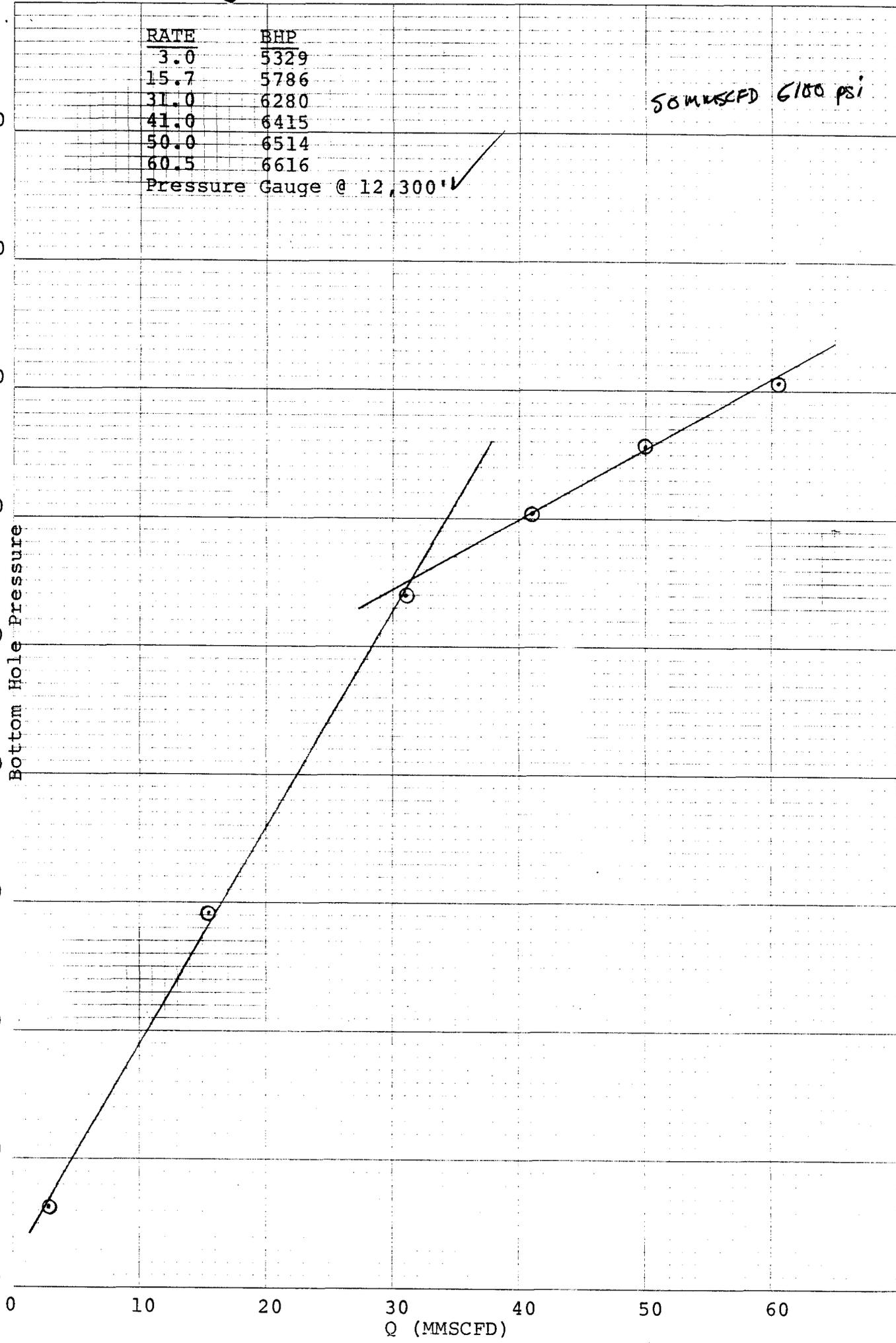
RATE	BHP
3.0	5329
15.7	5786
31.0	6280
41.0	6415
50.0	6514
60.5	6616

Pressure Gauge @ 12,300'

50 MMSCFD 6100 psi

46 0700

10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.



Bottom Hole Pressure

Q (MMSCFD)

Injection Operating Data

ARE Injection Wells

Design injection press = 6100 psi
Design injection rate = 450 MMSCFD total

RTU (remote terminal unit) at mixing station controls (remaining percentage hydrocarbon gas)

1. Max of 35% N₂ (excess is vented to atmosphere)
2. Max injection pressure of 6100 psi (vent N₂ to atmosphere to control press.) through a vent valve at the mixing station.

Safety Controls on all Compressors: (compressing gas to injection pressure)

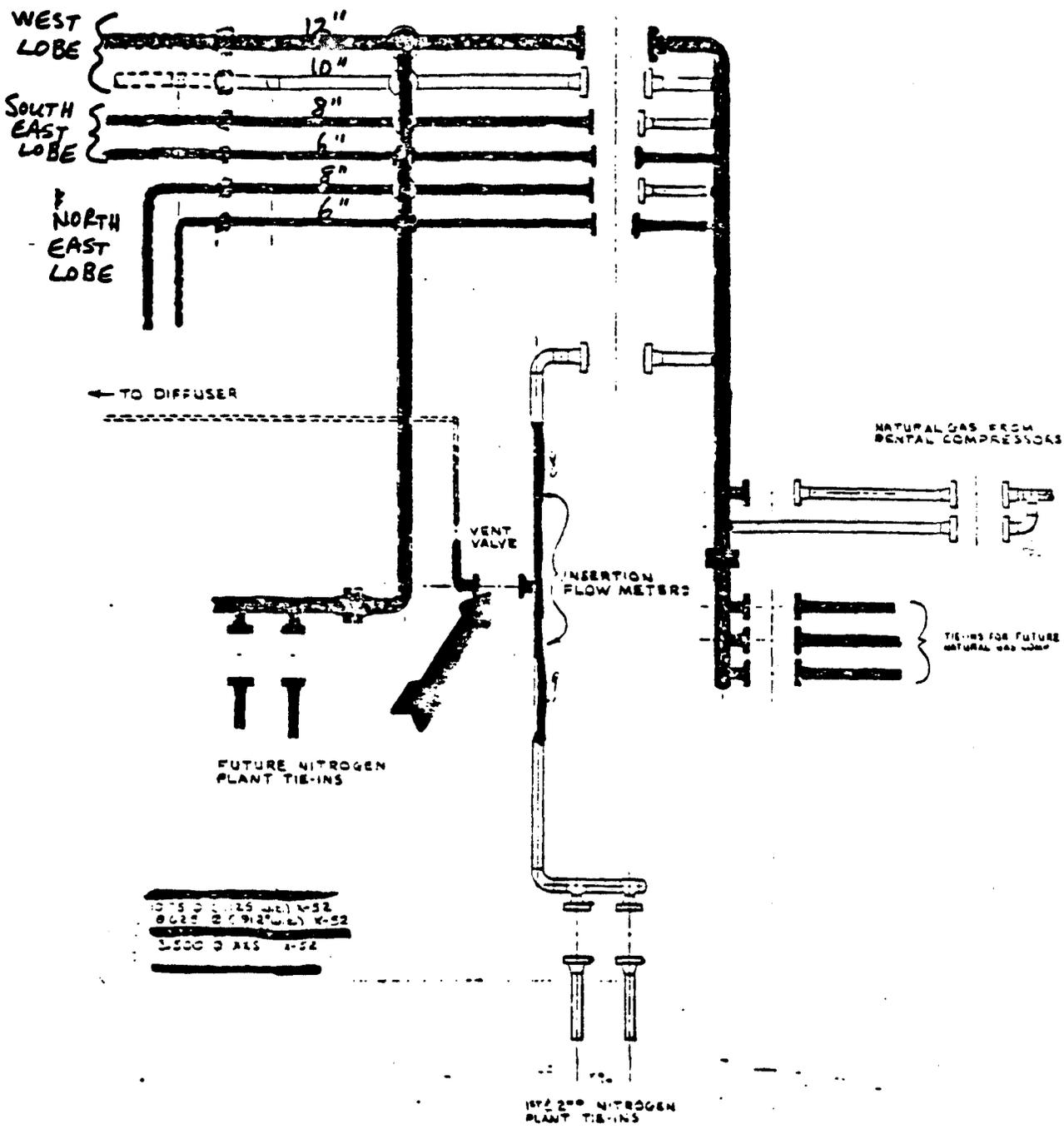
1. High pressure, high temperature shutdown switches. ←
2. Pressure relief valve (6200 psi) ✓

Wellhead Safety equipment:

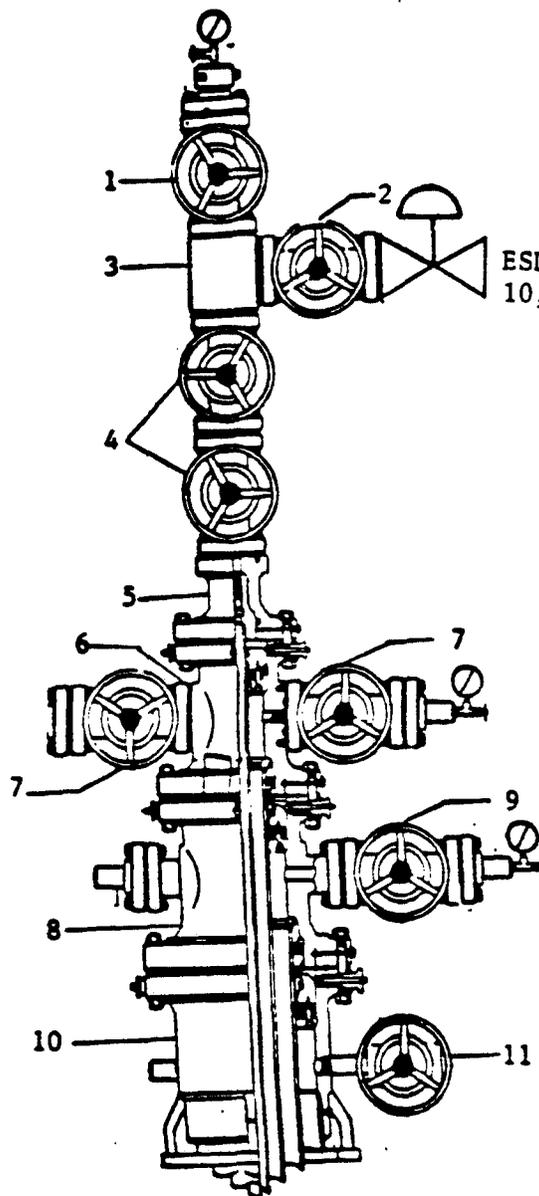
1. ESD valve on injection flowline - shuts down on a high casing-tubing annulus pressure (3000 psig)

Contingency Plan

1. If high pressure shutdown occurs, the problem will be identified, the well shut-in, the high pressure will be bled off, and repair work will commence.



ARE Mixing Station
Scale - 1/4" = 1' 00.0000 000



ESD valve
10,000 psi

Shuts down on high
annulus pressure.

1. Swab valve, 3-1/16" ID, 10,000 psi w.p.
2. Wing valve, 3-1/16" ID, 10,000 psi w.p.
3. Flow tee, 10,000 psi w.p.
4. Master valve, 3-1/16" ID, 10,000 psi w.p.
5. Adapter, 10,000 psi x 10,000 psi w.p.
6. Tubing spool, 5,000 psi x 10,000 psi w.p.
7. Gate valve, 1-13/16" ID, 10,000 psi w.p.
8. Intermediate casing spool, 3000 psi x 5000 psi w.p.
9. Gate valve, 2-1/6" ID, 5000 psi w.p.
10. Surface casing head, 3000 psi w.p.
11. Ball valve, 1-1/2" ID, 3000 psi w.p.

FIGURE 23. Typical Wellhead for Injection Wells

Formation Testing Programs

An extensive bottomhole pressure monitoring program is being conducted in the Anschutz Ranch East Field. Falloff tests are performed on each injection well quarterly. Buildups and static gradient surveys are run on selected producers periodically to help monitor the reservoir pressure. Occasionally, special tests such as step rate tests are conducted.

Continuous monitoring of produced fluids is being undertaken. An automated gas-chromatograph system is operational which samples all producing wells daily to determine if injection gas breakthrough has occurred.

MECHANICAL INTEGRITY TEST

In reference to Rule 1-5-b-8 concerning mechanical integrity tests, Amoco's procedure is to fill the casing with 2% KCL water after drilling out cement from the primary cement job and then apply 1000-1500 psi to the casing while running a CBL. This is a pressure test of about 7200-7700 psi at bottom-hole conditions in a 14,000' well. Additional tests are performed when cement retainers or packers are set. The annulus is usually tested to 1500 psi with 2% KCL water in the hole to make sure the cement retainers or packers are not leaking. The pressure is applied by pumping down the backside with a rig pump. When the final packer and production strings are set in the hole the casing tubing annulus is pressure tested to 1500-3000 psi with corrosion inhibited 2% KCL water in the casing-tubing annulus.

PRESSURE TESTING

In reference to Rule 1-6-a-3, a test of the casing to the maximum authorized injection pressure of the new injection wells, 5500 psi, using Amoco's procedure of testing with 2% KCL water in the hole would exceed the mechanical rating of the casing and possibly cause a failure. Therefore, Amoco recommends the following alternative: Test the casing to 1500 psi with 2% KCL water . Testing to 1500 psi with 2% KCL water in the hole will provide the same bottom-hole pressure as applying 5500 psi with gas in the hole. Amoco performs the test with water in the hole for safety considerations and to insure the annulus is not left full of gas, which would be necessary if the test was performed with gas. The casing tubing annulus is left filled with 2% KCL water with corrosion inhibitor.

ARE W36-14 - Geologic Data

Twin Creek:

lithology - limestone
thickness - 1,752'
top - 12,305'

Nugget:

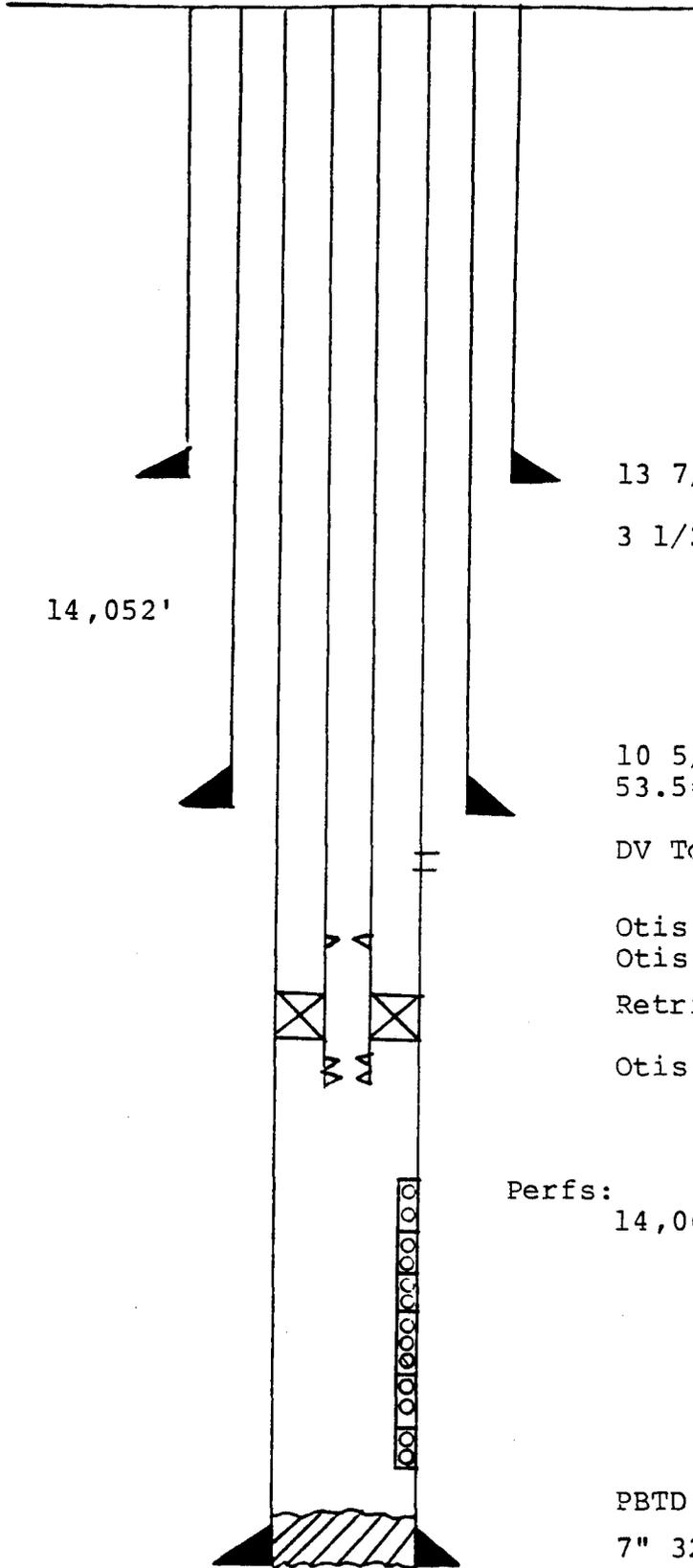
lithology - sandstone
thickness - 570'
top - 14,057'

ANSCHUTZ RANCH EAST PROPOSED WELLBORE DIAGRAM
 ISLAND RANCHING E-3 (W36-14)

1780' FEL 901' FSL Sec T4N R7E

Summit County, Utah 8256'KB 8231' GL

Nugget Top: 14,052'



13 7/8" 61 & 68# SA 6,225'
 3 1/2" 12.7# N-80 VAM Tubing

10 5/8" & 9 5/8" 101.4# &
 53.5# P-110 & C-95 SA 12,397'

DV Tool SA 12,426'

Otis R nipple SA 13,770'
 Otis X nipple SA 13,830'
 Retrieva DB pkr SA 13,800'
 Otis XN nipple SA 13,860'

Perfs:
 14,066' - 14,626' (gross)

PBTD: 15,233'
 7" 32# N-80 SA 15,300'
 TD 15,300'

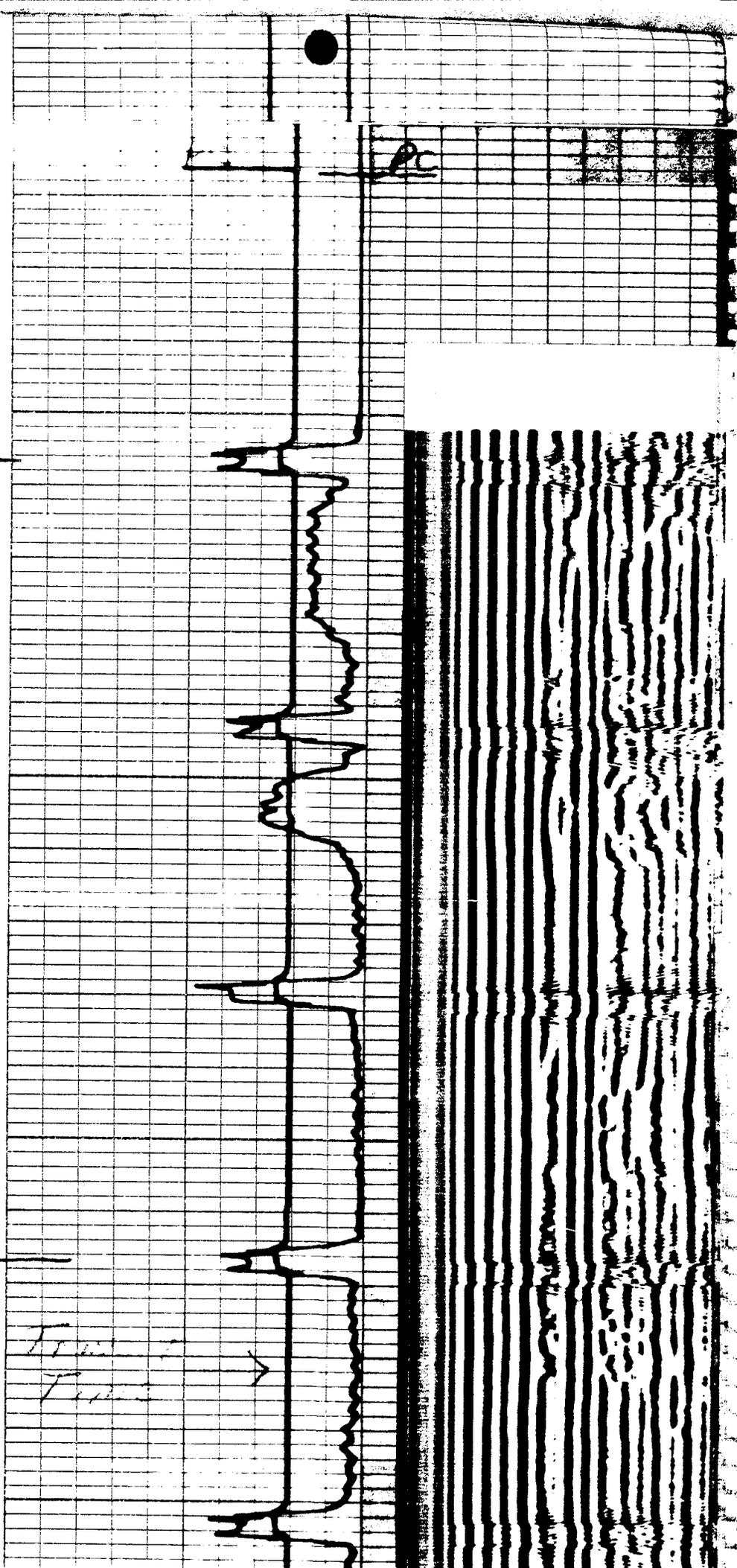
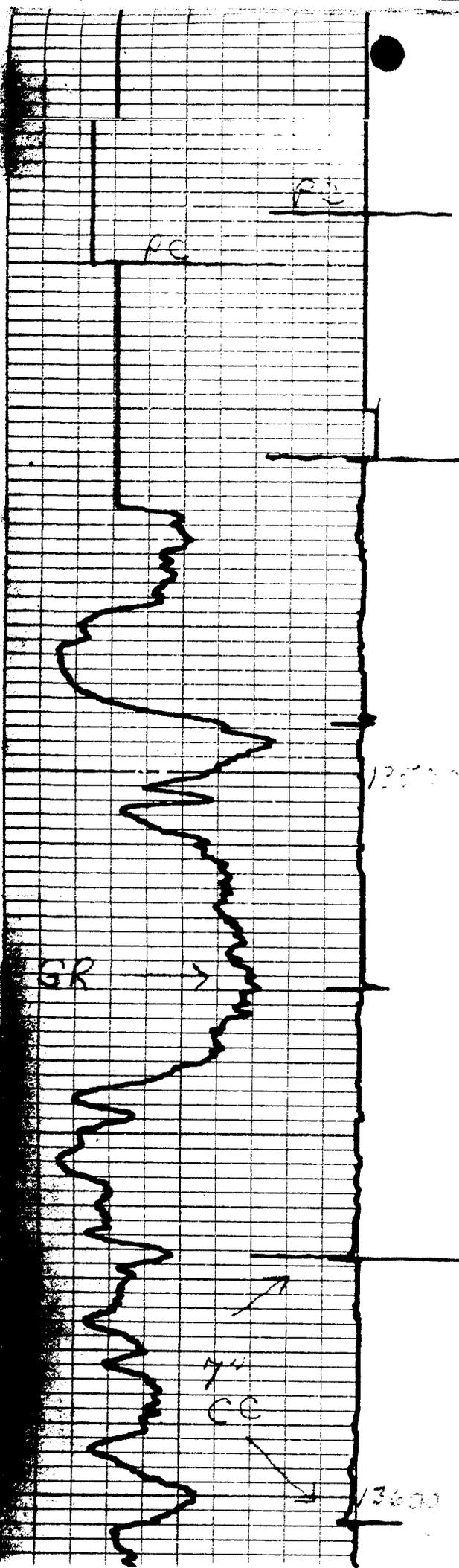
Cement Bond Log Evaluation of ARE W36-14

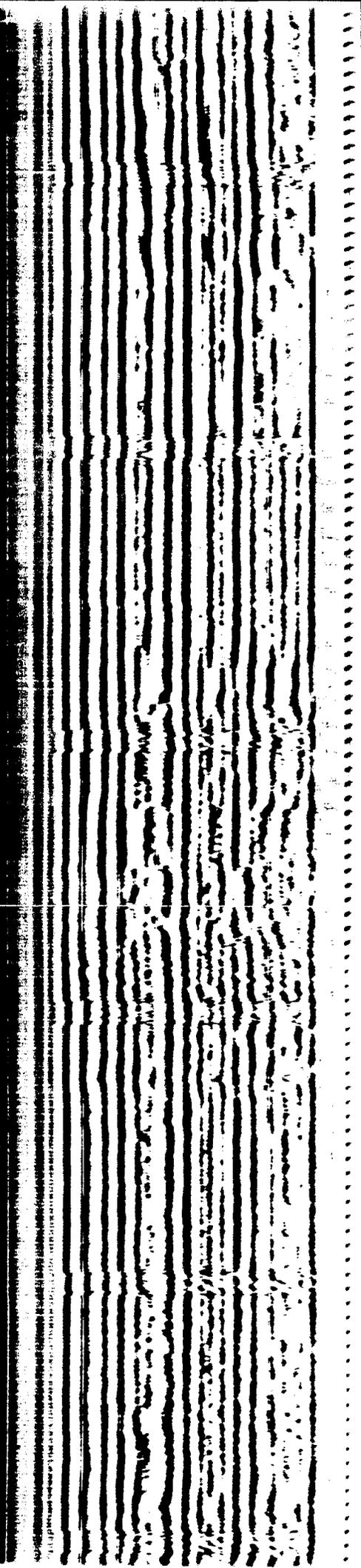
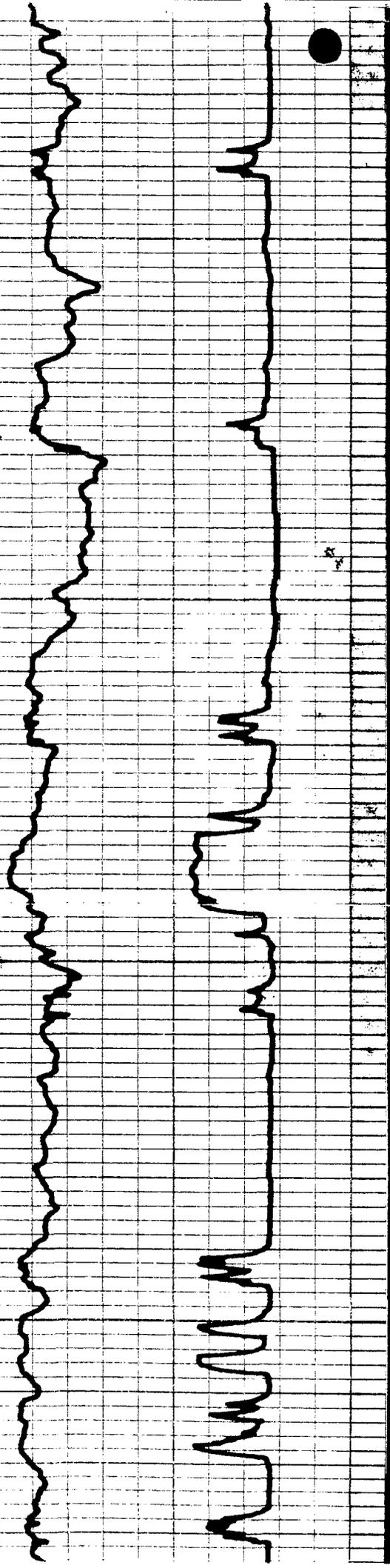
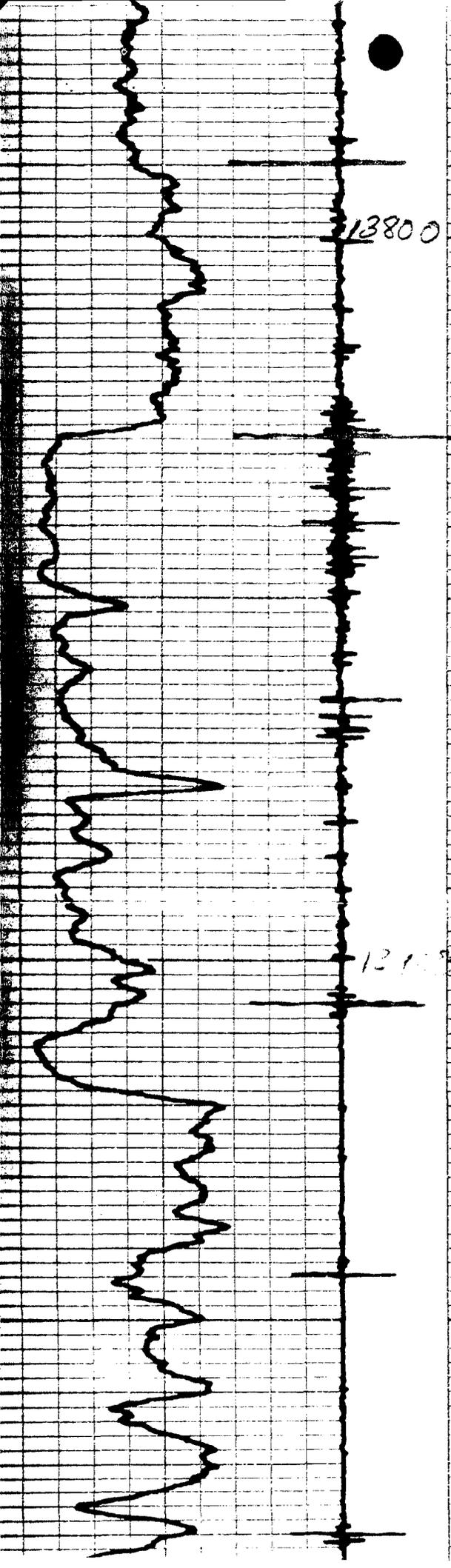
Fair cement bond from TD to 14,400'
(bottom through middle of the Nugget)

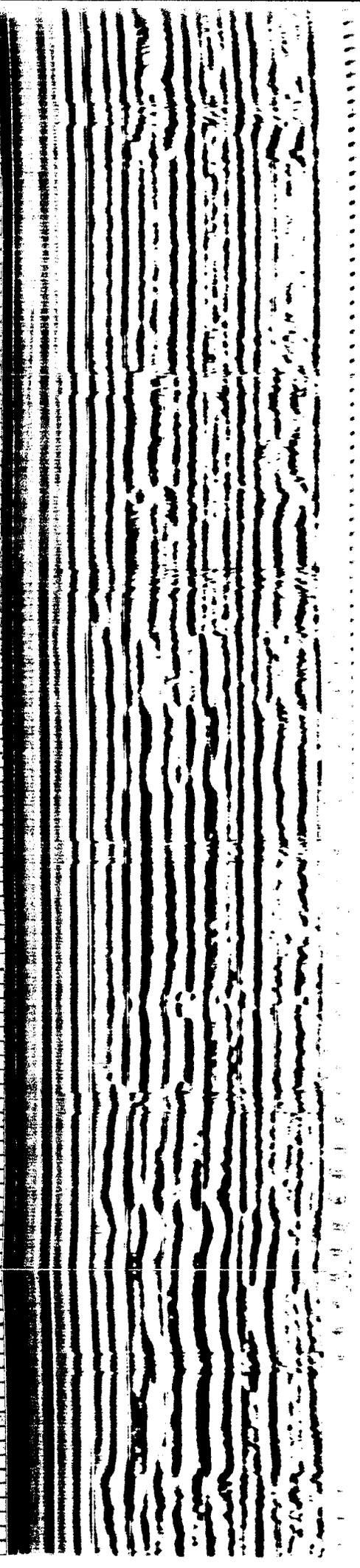
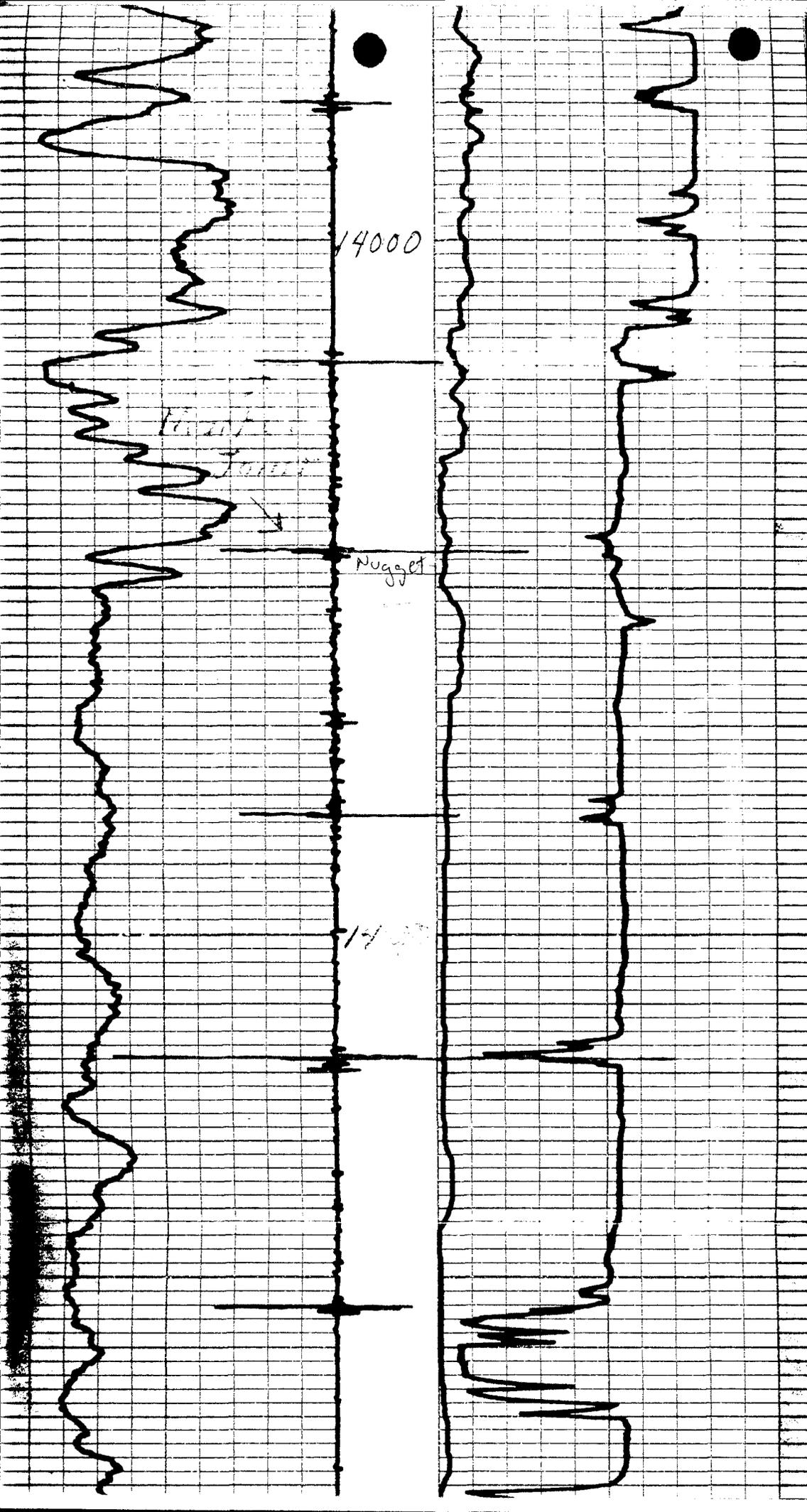
Excellent cement bond from 14,400' to 14,030' ✓
(middle Nugget and into Twin Creek)

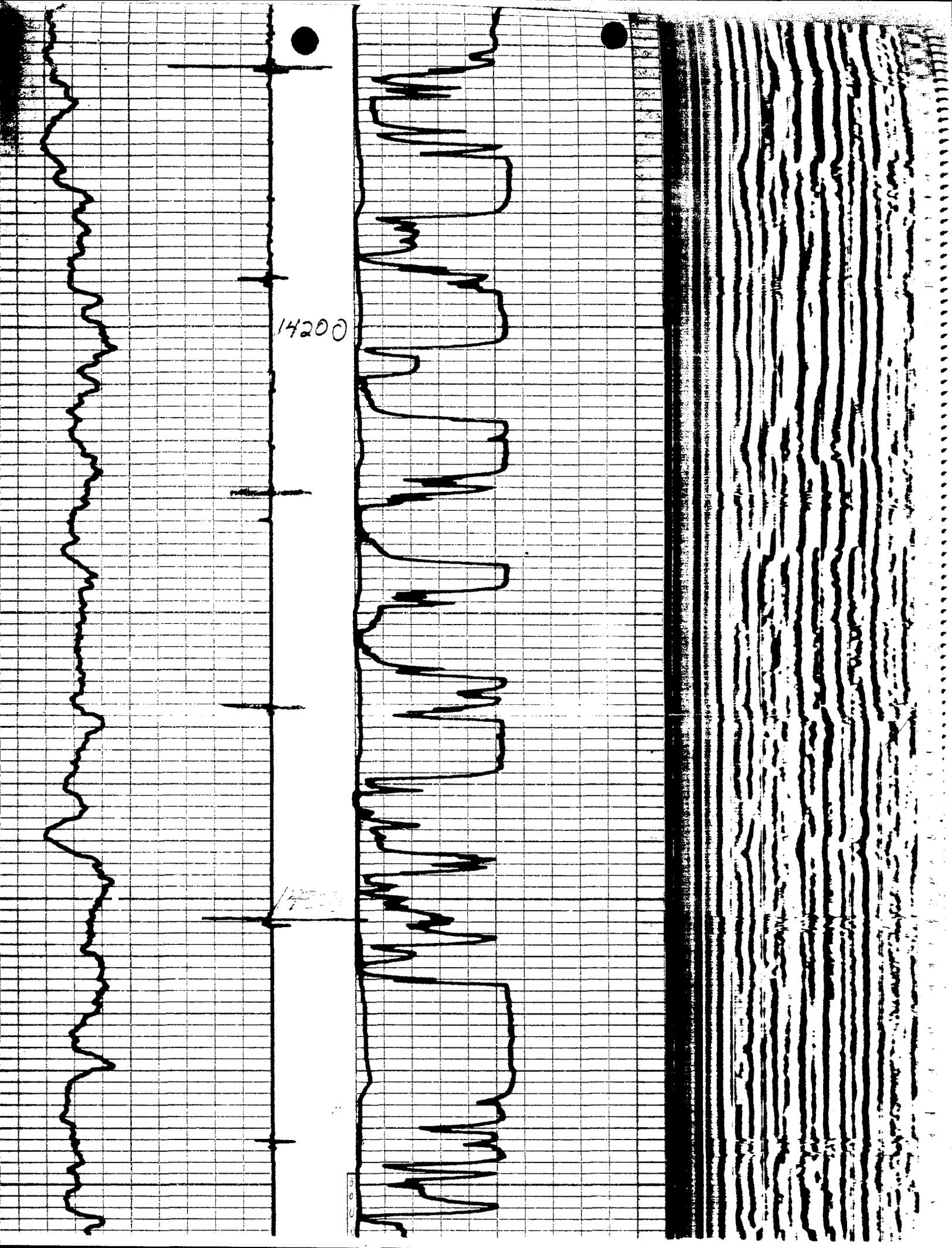
Fair cement bond from 14,030' to 13,700'
(Twin Creek)

Large intervals of excellent bonding from 12,380' to 10,600'
(Salt and Preuss)

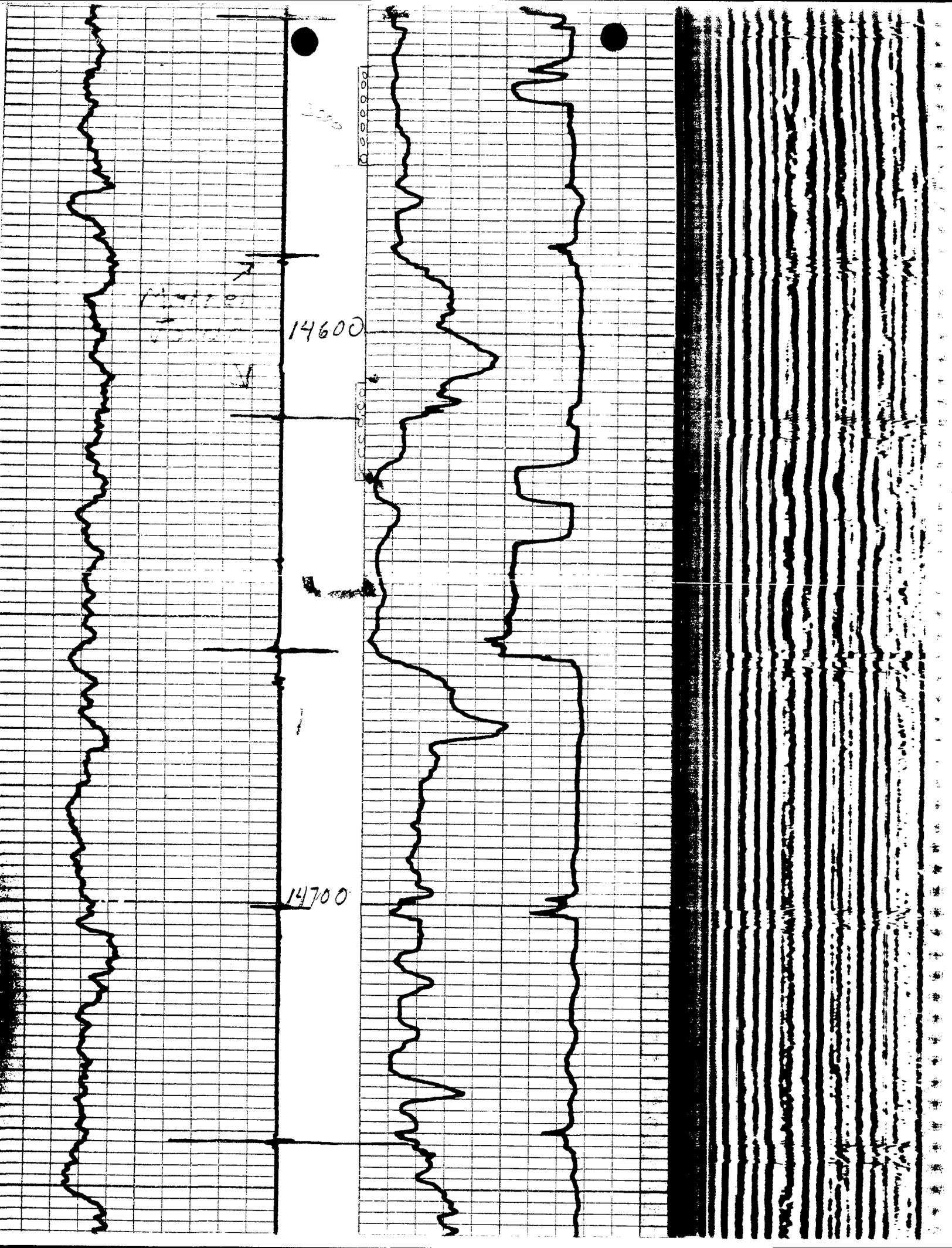


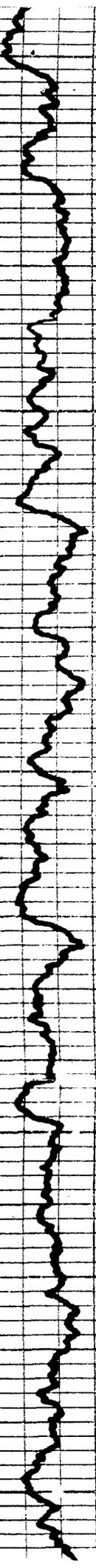






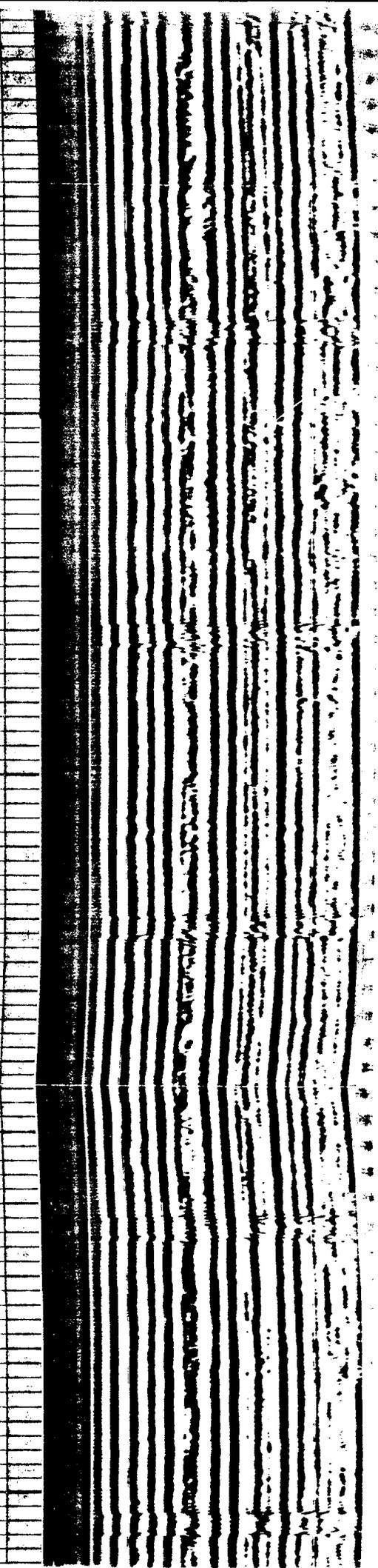




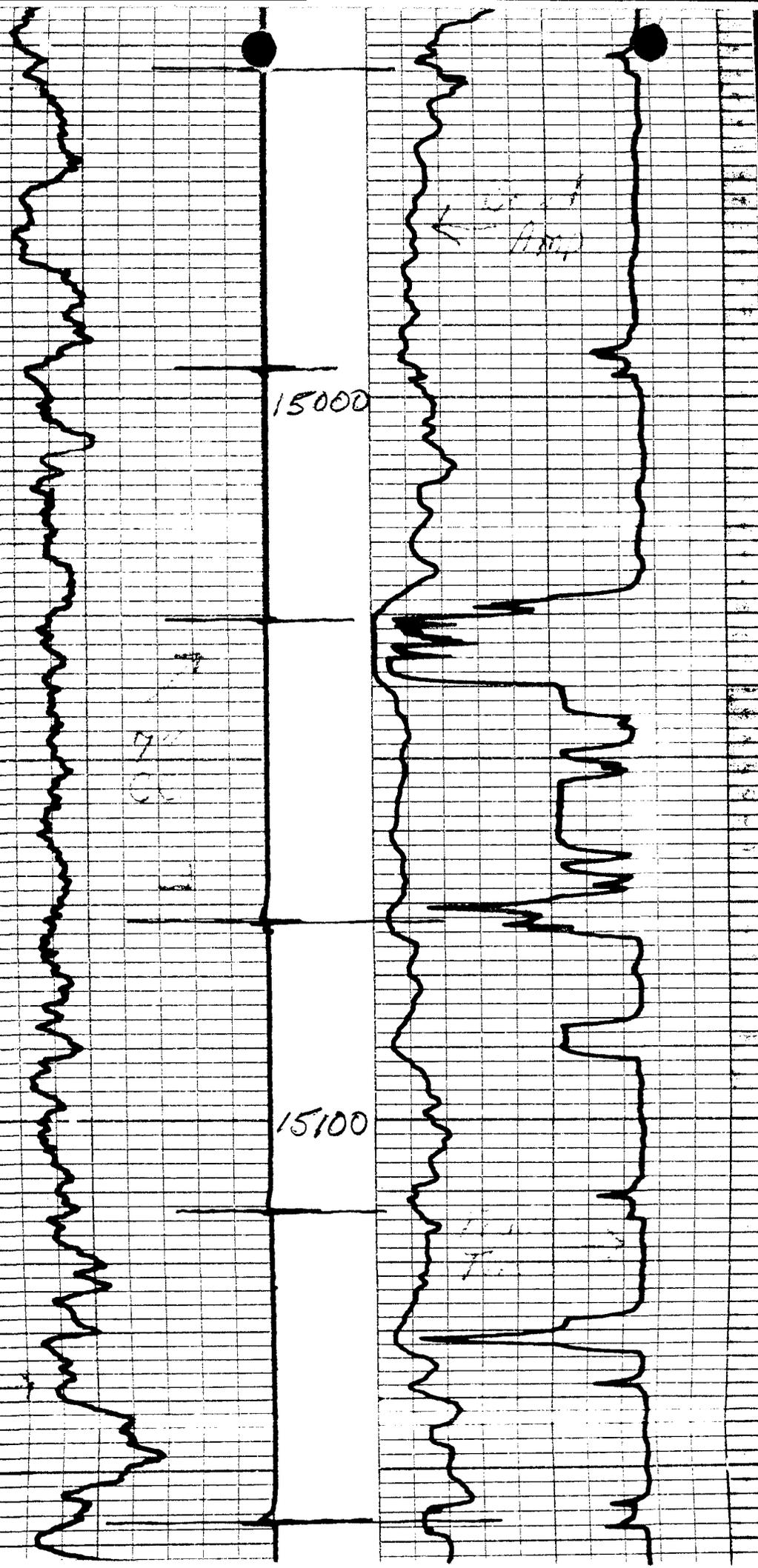


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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

July 15, 1985

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930

Attn: Mike Healey

Gentlemen:

RE: Injection Well Application ARE W36-14 Well, T4N, R7E, Section 36, Summit County, Utah

It appears from the step-rate data provided that the maximum rate of injection requested would be at a pressure above the parting pressure. Was this rate and pressure requested on the assumption that the parting pressure would increase that much with time?

Please provide information as to the injection rate and pressure requested and the applicability of the step-rate test performed.

If you have any questions, please call.

Sincerely,

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

Gil Hunt

mfp
0156U-29



Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307-789-1700

T. G. Doss
District Manager

July 17, 1985

State of Utah
Natural Resources and Energy
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Gil Hunt

File: VEP-344-WF

ARE W36-14 Injection Well Application
Anschutz Ranch East
Summit County, Utah

RECEIVED

JUL 22 1985

DIVISION OF OIL
GAS & MINING

Please reference the W36-14 Injection Well Application and your letter dated July 15, 1985 concerning the step rate data provided. The step rate data on the W20-14 does indicate that the Nugget Formation did part at a pressure and rate less than that requested for the W36-14. However, the parting pressure and rate vary between wells based upon the depth and perforated pay quality. Previous step rate data and the W20-14 data show the fracture gradient in the Nugget Formation to be .51 psi/ft. Other injection wells do have higher injection rates and pressures and are not fracturing based upon the .51 psi gradient.

Using the .51 psi/ft gradient, the W36-14 will not fracture until the flowing bottomhole injection pressure exceeds 7167 psi. We do not expect to reach the parting pressure with the requested 6100 psi surface pressure and 50 MMSCFD rate because of the pressure losses caused by the transfer of the gas to the formation face. Amoco will collect data to ensure the W36-14 injection pressures are less than the parting pressure.

Please direct any questions to Mike Healey in the Evanston District Office at (307) 789-1700.

T. G. Doss RBL
T. G. Doss

MWH/vje



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

July 26, 1985

Park City Record
Legal Advertising
P.O. Box 3688
Park City, Utah 84060

Gentlemen:

RE: Cause No. UIC-065

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 5th day of August. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. LARSON
Administrative Assistant

mfp
0045A



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

July 26, 1985

Newspaper Agency
Legal Advertizing
Mezanine Floor
143 South Main Street
Salt Lake City, Utah 84111

Gentlemen:

RE: Cause No. UIC-065

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 5th day of August. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie L. Larson
MARJORIE L. LARSON
Administrative Assistant

mfp
0045A

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

RECEIVED

AUG 14 1985

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-065

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE W36-14 WELL, LOCATED IN SECTION 36, TOWNSHIP 4 NORTH, RANGE 7 EAST, SUMMIT COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY INJECTION WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Amoco Production Company, USA, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of ARE W36-14 well, located 1780' FWL to 901' FSL (SESW) of Section 36, Township 4 North, Range 7 East, Summit County, Utah as a Class II enhanced recovery injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nubian Formation 14,052' to 14,626'
Maximum Estimated Surface Pressure: 6100 psia
Maximum Estimated Gas Injection Rate: 50 MMSCFD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3rd Triad Center, Suite 350, Salt Lake City, Utah 84190-1203.

DATED this 23rd day of July, 1985.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

Cheryl Gierloff

DIVISION OF OIL
GAS & MINING

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

..... Cause No. UIC-065. Application of AMOCO.....

..... Production Co.....

was published in said newspaper on.....

August 5, 1985

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 8th day of

..... August A.D. 19 85.....

B. J. Davis

Notary Public

My Commission Expires

..... March 1, 1988.....



Affidavit of Publication

ADM-358

STATE OF UTAH,
County of Salt Lake

ss.

RECEIVED

AUG 14 1985

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-065

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE W36-14 WELL LOCATED IN SECTION 36, TOWNSHIP 4 NORTH, RANGE 7 EAST, SUMMIT COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY INJECTION WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Amoco Production Company, USA, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of ARE W36-14 well, located 1780' FWL to 901' FSL (SESW) of Section 36, Township 4 North, Range 7 East, Summit County, Utah as a Class II enhanced recovery injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nuggett Formation 14,052' to 14,626'
Maximum Estimated Surface Pressure: 6100 psig
Maximum Estimated Gas Injection Rate: 50 MMSCFD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 23rd day of July, 1985.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

I-32

Cheryl Gierloff

DIVISION OF OIL
GAS & MINING

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UIC-065 Application of AMOCO

Production Co.

was published in said newspaper on

August 8, 1985

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 8th day of

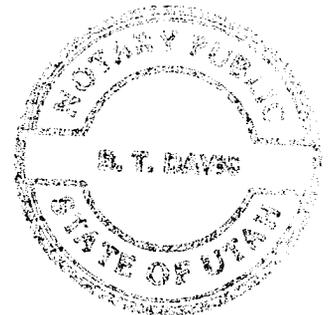
August A.D. 19 85

B. J. Davis

Notary Public

My Commission Expires

March 1, 1988



PROOF OF PUBLICATION

RECEIVED

AUG 19 1985

DIVISION OF OIL
GAS & MINING

STATE OF UTAH, }
County of Summit, }ss.



I, Mary Balliette

being first duly sworn, depose and say that I am the _____

Receptionist of The Park Record, a week-

ly newspaper of general circulation, published once each week at

Park City, Utah, that the notice attached hereto and which is a

Cause No. UIC-065

was published in said newspaper for one con-

secutive issues, the first publication having been made on the

1st day of August, 1985, and the last

on the 1st day of August, 1985, that said

notice was published in the regular and entire issue of every number

of the paper during the period and times of publication, and the same

was published in the newspaper proper and not in any supplement.

Mary Balliette

Subscribed and sworn to before me this 1 day of

August, 1985.

Susan Davis
Notary Public

My commission expires October 17th, 1987.

Administrative approval of well location

LEGAL NOTICE
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE W36-14 WELL, LOCATED IN SECTION 36, TOWNSHIP 4 NORTH, RANGE 7 EAST, SUMMIT COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY INJECTION WELL

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

CAUSE NO. UIC-065

Notice is hereby given that Amoco Production Company, U.S.A., P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of ARE W36-14 well, located 1780' FWL to 901' FSL (SESW) of Section 36, Township 4 North, Range 7 East, Summit County, Utah as a Class II enhanced recovery injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 14,052' to 14,626'

Maximum Estimated Surface Pressure: 6100 psig

Maximum Estimated Gas Injection Rate: 50 MMSCFD.

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84119-1203.

DATED this 23 day of July, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
Published in the Park Record
August 1, 1985.

RECEIVED

AUG 19 1985

DIVISION OF OIL
GAS & MINING

STATE LANDS & FOREST
AUG 9 1985
RECEIVED BY DIVISION
ACCOUNTING



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

August 20, 1985

Amoco Production Company, USA
P.O. Box 829
Evanston, Wyoming 82930

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-065

Administrative approval is hereby granted to convert the following listed well to a Class II enhanced recovery gas injection well:

ARE W36-14
Section 36, Township 4 North, Range 7 East
Summit County, Utah

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,


FOR
Dianne R. Nielson
Director

mfp
7627U

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

---00000---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-065
OF AMOCO PRODUCTION COMPANY, USA, :
FOR ADMINISTRATIVE APPROVAL OF :
THE ARE W36-14 WELL, LOCATED IN :
SECTION 36, TOWNSHIP 4 NORTH, :
RANGE 7 EAST, SUMMIT COUNTY, :
UTAH, AS A CLASS II ENHANCED :
RECOVERY INJECTION WELL

---00000---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Amoco Production Company, USA., P.O.
Box 829, Evanston, Wyoming 82930, has requested administrative
approval of ARE W36-14 well, located 1780' FWL to 901' FSL (SESW) of
Section 36, Township 4 North, Range 7 East, Summit County, Utah as a
Class II enhanced recovery injection well.

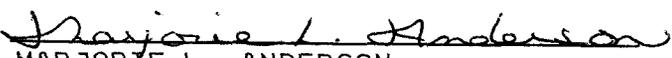
The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 14,052' to 14,626'
Maximum Estimated Surface Pressure: 6100 psig
Maximum Estimated Gas Injection Rate: 50 MMSCFD

Approval of this application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 23th day of July, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

UIC-065

Publication was sent to the following:

Amoco Production Company, USA

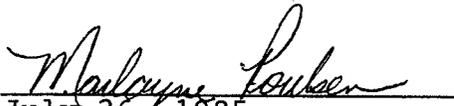
Bureau of Land Management

U.S. Environmental Agency

Utah State Department of Health

Park City Record

Newspaper Agency


July 26 1985

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED
(Do not use this form for proposals to drill or to deepen or plug back to a parent reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1780' FWL & 901' FSL		8. FARM OR LEASE NAME W36-14	
14. PERMIT NO. 43-043-30255		9. WELL NO. W36-14	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8256' KB 8231' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E	
		12. COUNTY OR PARISH Summit	13. STATE UT

SEP 25 1985
DIVISION OF OIL
GAS & MINING

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 checked="" 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.)*

Increase Injection Well Capacity:

Perforate: 14,664' - 14,690'
14,707' - 14,750'
Acidize: 14,066' - 14,750' (gross)

Estimated start date is 9/23/85

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

SIGNED [Signature] TITLE Sr Drilling Eng Supervisor DATE 9/20/85

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE UCC Manager DATE 10-8-85

CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED

JAN 21 1986

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 829, EVANSTON, WYOMING 82930

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

At surface 1780' FWL & 901' FSL

At top prod. interval reported below 2277' FWL & 343' FSL

At total depth 1179' FWL & 1889' FSL

14. PERMIT NO. 43-043-30255

DATE ISSUED 1-16-84

15. DATE SPUNDED 2-1-84

16. DATE T.D. REACHED 7-31-84

17. DATE COMPL. (Ready to prod.) 9-18-84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 8256' KB

19. ELEV. CASINGHEAD 8231' GL

20. TOTAL DEPTH, MD & TVD 15300' MD, 15027' TVD

21. PLUG, BACK T.D., MD & TVD 15233' MD, 14959' TVD

22. IF MULTIPLE COMPL. HOW MANY* →

23. INTERVALS DRILLED BY → sfc to TD

ROTARY TOOLS

CABLE TOOLS

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

Nugget Sandstone: 14348' - 14626' MD

14199' - 14440' TVD

25. WAS DIRECTIONAL SURVEY MADE sfc to TD

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, DT, Microlog, BHS, TDT, CBL, Prod. log, Dipmeter

27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61#, 68#	6225'	17.5	6300 sx A & G	None
10 5/8", 9 5/8"	101.4, 53.5#	12397'	12.25	1415 sx G	
7"	32#	15300'	8.5	365 sx A & G	

29. LINER RECORD

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

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

14348'-14408'

14444'-14536'

14609'-14626' All 4JSPF

14417'-14431'

14552'-14570'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14609'-14626'	850 gas 7 1/2% HCL

33. PRODUCTION

DATE FIRST PRODUCTION 9-18-84

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-25-84	24	37	→	1453	7675	0	5282

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1600	0	→	1453	7657	0	48

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Re-injected for pressure maintenance

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 V. E. Peat TITLE District Engineer DATE 1-29-86

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



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

March 25, 1986

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930

Gentlemen:

RE: Status of Various Permitted Injection Wells

According to our records, we have not received a notice advising us as to the injection status of the wells listed below.

Anschutz Ranch East W36-14, Sec. 36, T4N, R7E, Summit County, Utah
Anschutz Ranch East W29-02, Sec. 29, T4N, R8E, Summit County, Utah
Anschutz Ranch East W2-10, Sec. 2, T3N, R7E, Summit County, Utah

In order to update our records we would appreciate information indicating the status of these wells.

Thank you in advance for your cooperation. If you have any questions please don't hesitate to call or write our office.

Sincerely,

A handwritten signature in cursive script that reads "Marlayne Poulsen".

Marlayne Poulsen
UIC Secretary

mfp
0054U-1



UTAH
NATURAL RESOURCES

To: *Norm*

From: **Gil Hunt**

Date: *3/31/86*

- For your information and file.
- For necessary action.
- Reply directly to origin with a copy to this office.
- Please draft a reply for signature of _____

_____ and
return by the following date _____.

- Other *well has been approved for injection, waiting on commencement notice.*

_____ *Gil Hunt*

NAME	ACTION CODE(S)	INTE
NORM		<i>[initials]</i>
TAMI	<i>3A (Pericol only)</i>	<i>[initials]</i>
VICKY		
CLAUDIA	<i>1 - COMMENTS ONLY</i>	<i>[initials]</i>
STEPHANE		<i>[initials]</i>
CHARLES		
RULA	<i>2</i>	<i>[initials]</i>
MARY ALICE		
CONNIE		
MILLIE		
PAM	<i>FILE + HANGING LABEL</i>	

Required Action Code

1. Data Entry
2. Filming
3. Posting
 - a. Card Index
 - b. File Label
 - c. Lists
4. Bonding Verification
5. Other (See Norm)

This well is approved to inject, but has not given notice of injection. Until then, it should be considered as a producing well



Amoco Production Company

April 1, 1986

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

RECEIVED
APR 03 1986

DIVISION OF
OIL, GAS & MINING

Dear Ms Poulsen:

In reference to your letter of March 25, 1986, "Status of Various Permitted Injection Wells".

The following wells are presently injecting:

A.R.E. W36-14, Sec. 36, T4N, R7E, Summit County, UT

A.R.E. W29-02, Sec. 29, T4N, R7E, Summit County, UT

A.R.E. W2-10, Sec. 2, T3N, R7E, Summit County, UT

Also, the A.R.E. W19-08 has been put on injection since our last correspondence.

Should you have further questions regarding the above wells please contact Dan N. Poulson of this office at 307-789-1700 x 2368.

Thank you,

Louis F. Lozzie
Administrative Supervisor

/kg



Amoco Production Company

April 1, 1986

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

RECEIVED
APR 03 1986

DIVISION OF
OIL, GAS & MINING

Dear Ms Poulsen:

In reference to your letter of March 25, 1986, "Status of Various Permitted Injection Wells".

The following wells are presently injecting:

A.R.E. W36-14, Sec. 36, ~~T4N~~, R7E, Summit County, UT

A.R.E. W29-02, Sec. 29, T4N, R7E, Summit County, UT

A.R.E. W2-10, Sec. 2, T3N, R7E, Summit County, UT

Also, the A.R.E. W19-08 has been put on injection since our last correspondence.

Should you have further questions regarding the above wells please contact Dan N. Poulson of this office at 307-789-1700 x 2368.

Thank you,

Louis F. Lozzie
Administrative Supervisor

/kg

ROUTING/ACTION FORM

4-4

SEQ	NAME	ACTION	INITIAL
	NORM		
	TAMI	FYE	
	VICKY	FYE	
	CLAUDIA	1	UC
	STEPHANE		g
	CHARLES		
	RULA	2 - WHOLE FILE, IF NOT YET FILMED	
	MARY ALICE		
	CONNIE		
	MILLIE		
	RON		
	JOHN		
	GIL		
	PAM	4 - HANGING FILE	

NOTES:

ACTION CODE

1. DATA ENTER
2. FILM
3. POST
a. CARD FILE
b. FILE LABEL
c. LISTS
4. FILE
5. RELOCATE FILE OR CARD
6. DECISION
7. PREPARE LETTER
12. OTHER - SEE NOTES



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Re: **Name change on wells being brought into the Anschutz
Ranch East Unit**

Attn: Claudia Jones

Dear Claudia:

The following is a list of all wells, East & West Lobe
(production and Injection) at Anschutz Ranch East referenced
by well name, API No. and legal description, that should
be rolled over from Amoco Production Company to Amoco Rockmount
Company upon completion and being brought into the Unit.

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SENW, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16-60 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17-1216?	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043-95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SENW, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SENW, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, Sec 30, T4N, R8E

Production wells (cont.)

<u>Well Name</u>	<u>API NO.</u>	<u>Legal Description</u>
W31-04	43-043-30165	NWNW, Sec 31, T4N, R8E
W31-06	43-043-30217	SENW, Sec 31, T4N, R8E
W31-08	43-043-30164	NWNE, Sec 31, T4N, R8E
W31-12	43-043-30190	SWNW, Sec 31, T4N, R8E
W32-04	43-043-30162	NWNW, Sec 32, T4N, R8E
W36-10	43-043-30227	NESW, Sec 36, T4N, R7E
W36-16	43-043-30157	SESE, Sec 36, T4N, R7E

Injection wells

W01-02	43-043-30209	? NWNE, Sec 1, T3N, R7E
W02-10	43-043-30265	NWSE, Sec 2, T3N, R7E
W16-14	43-043-30096	NWSW, Sec 16, T4N, R8E
W19-08	43-043-30272	SENE, Sec 19, T4N, R8E
W20-08	43-043-30212 ? 30123	SWNW, Sec 20, T4N, R8E
W20-14	43-043-30145	NWSW, Sec 20, T4N, R8E
W29-02	43-043-30220 ? 30136	NWNE, Sec 29, T4N, R8E
W29-12	43-043-30154	NWSW, Sec 29, T4N, R8E
W30-02	43-043-95014 ? 30218	NWNE, Sec 30, T4N, R8E
W30-12A	43-043-30248 ? 30230	NWSW, Sec 30, T4N, R8E
W30-15	43-043-95012 ? 30216 ?	NWNE, Sec 30, T4N, R8E
W36-08	43-043-30167	SENE, Sec 36, T4N, R7E
W36-14	43-043-30255	SESW, Sec 36, T4N, R7E

This should help to clarify your files and if any changes are necessary we will notify you of such.

If further information is needed please contact Louis F. Lozzie of this office at 307-789-1700 ext. 2226.

Thank you,

R. M. Ramsey

R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver



RECEIVED
OCT 14 1988

REPORT

of

DIVISION OF
OIL, GAS & MINING

**SUB-SURFACE
DIRECTIONAL
SURVEY**

P
WICW

AMOCO PRODUCTION COMPANY
COMPANY

~~ISLAND RANCHING E-3~~
WELL NAME

W36-14

4N 7E - 36

SUMMIT COUNTY, UTAH
LOCATION

JOB NUMBER

RM884A1949

TYPE OF SURVEY

SEEKER/GYRO

DATE

8-23-84

SURVEY BY
STEVEN STURGEN

OFFICE
RM414

AMOCO PRODUCTION COMPANY
WELL NAME: ISLAND RANCHING E-3 RIG: NOBLE 116
LOCATION: SUMMIT COUNTY, UTAH
FILE NUMBER: SS-12
SURVEYOR: STEVEN STURGEN
JOB NUMBER: RM084A1949
DATE: 23-AUG-84
TYPE: SEEKER GYRO
COMPUTER OPERATOR: STEVEN STURGEN
EVANSTON, WYOMING

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL

DIRECTION: S 44 DEG. 27 MIN. E

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT	DOGLEG AMOUNT DEG
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.21	N 73.83 W	100.00	100.00	-0.16	0.05 N 0.18 W	0.21	0.21
200	0.12	N 35.07 W	100.00	200.00	-0.44	0.22 N 0.41 W	0.14	0.14
300	0.17	N 65.15 W	100.00	300.00	-0.70	0.38 N 0.61 W	0.09	0.09
400	0.06	N 72.62 W	100.00	400.00	-0.88	0.46 N 0.80 W	0.12	0.12
500	0.17	N 48.89 W	100.00	500.00	-1.07	0.55 N 0.97 W	0.12	0.12
600	0.11	S 72.36 W	100.00	600.00	-1.27	0.60 N 1.20 W	0.15	0.15
700	0.11	N 67.82 W	100.00	700.00	-1.41	0.61 N 1.39 W	0.08	0.08
800	0.17	N 79.70 W	100.00	800.00	-1.63	0.68 N 1.63 W	0.06	0.06
900	0.02	S 3.09 E	100.00	900.00	-1.63	0.58 N 1.74 W	0.17	0.17
1000	0.00	S 47.43 W	100.00	1000.00	-1.62	0.56 N 1.74 W	0.02	0.02
1100	0.15	S 13.55 W	100.00	1100.00	-1.55	0.44 N 1.77 W	0.15	0.15
1200	0.24	S 17.77 E	100.00	1200.00	-1.30	0.11 N 1.75 W	0.13	0.13
1300	0.11	S 20.80 E	100.00	1300.00	-1.03	0.18 S 1.65 W	0.13	0.13
1400	0.23	S 17.68 E	100.00	1400.00	-0.77	0.45 S 1.56 W	0.12	0.12
1500	0.23	S 18.24 E	100.00	1500.00	-0.41	0.83 S 1.43 W	0.00	0.00
1600	0.16	S 17.37 W	100.00	1599.99	-0.17	1.16 S 1.43 W	0.14	0.14
1700	0.36	S 0.45 E	100.00	1699.99	0.10	1.61 S 1.50 W	0.22	0.22
1800	0.22	S 3.66 W	100.00	1799.99	0.45	2.12 S 1.51 W	0.15	0.15
1900	0.39	S 10.48 W	100.00	1899.99	0.78	2.64 S 1.58 W	0.17	0.17
2000	0.23	S 2.72 W	100.00	1999.99	1.12	3.18 S 1.64 W	0.16	0.16
2100	0.11	S 23.37 E	100.00	2099.99	1.36	3.46 S 1.59 W	0.14	0.14
2200	0.13	S 24.80 W	100.00	2199.99	1.49	3.65 S 1.59 W	0.10	0.10
2300	0.24	S 5.19 W	100.00	2299.99	1.65	3.96 S 1.67 W	0.13	0.13
2400	0.34	S 36.45 E	100.00	2399.99	2.09	4.44 S 1.54 W	0.23	0.23
2500	0.40	S 37.76 E	100.00	2499.98	2.72	4.95 S 1.15 W	0.06	0.06
2600	0.55	S 25.69 E	100.00	2599.98	3.53	5.65 S 0.72 W	0.18	0.18
2700	0.47	S 33.48 E	100.00	2699.98	4.40	6.43 S 0.28 W	0.11	0.11
2800	0.49	S 35.10 E	100.00	2799.97	5.25	7.15 S 0.21 E	0.02	0.02
2900	0.56	S 37.03 E	100.00	2899.97	6.14	7.88 S 0.74 E	0.07	0.07

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	COURSE LENGTH FEET	TRUE	VERTICAL SECTION FEET	RECTANGULAR		DOGLEG SEVERITY DG/100FT	DOGLEG AMOUNT DEG
				VERTICAL DEPTH FEET		COORDINATES FEET			
3000	0.50	S 16.52 E	100.00	2999.97	7.01	8.69 S	1.15 E	0.20	0.20
3100	0.58	S 37.12 W	100.00	3099.96	7.53	9.58 S	0.99 E	0.49	0.49
3200	0.69	S 58.86 W	100.00	3199.95	7.49	10.32 S	0.17 E	0.26	0.26
3300	0.62	S 62.90 W	100.00	3299.95	7.19	10.87 S	0.82 W	0.08	0.08
3400	0.64	S 52.83 W	100.00	3399.94	6.95	11.46 S	1.75 W	0.11	0.11
3500	0.68	S 54.74 W	100.00	3499.94	6.78	12.14 S	2.69 W	0.05	0.05
3600	0.60	S 64.61 W	100.00	3599.93	6.51	12.70 S	3.65 W	0.14	0.14
3700	0.42	S 71.72 W	100.00	3699.93	6.17	13.04 S	4.48 W	0.19	0.19
3800	0.46	S 71.56 W	100.00	3799.92	5.83	13.28 S	5.21 W	0.04	0.04
3900	0.52	N 89.64 W	100.00	3899.92	5.33	13.41 S	6.06 W	0.17	0.17
4000	0.48	N 72.24 W	100.00	3999.91	4.62	13.27 S	6.93 W	0.16	0.16
4100	0.43	N 74.22 W	100.00	4099.91	3.93	13.05 S	7.69 W	0.05	0.05
4200	0.49	N 65.25 W	100.00	4199.91	3.19	12.77 S	8.45 W	0.09	0.09
4300	0.74	N 48.66 W	100.00	4299.90	-2.15	12.18 S	9.35 W	0.30	0.30
4400	0.92	N 31.96 W	100.00	4399.89	0.71	11.08 S	10.28 W	0.30	0.30
4500	1.07	N 28.52 W	100.00	4499.88	-0.97	9.58 S	11.15 W	0.16	0.16
4600	1.09	N 25.27 W	100.00	4599.86	-2.78	7.89 S	12.01 W	0.07	0.07
4700	1.11	N 29.31 W	100.00	4699.84	-4.62	6.18 S	12.90 W	0.08	0.08
4800	1.25	N 33.16 W	100.00	4799.82	-6.63	4.42 S	13.97 W	0.16	0.16
4900	1.40	N 28.38 W	100.00	4899.79	-8.88	2.43 S	15.15 W	0.19	0.19
5000	1.44	N 27.20 W	100.00	4999.76	-11.26	0.22 S	16.31 W	0.05	0.05
5100	1.40	N 26.15 W	100.00	5099.73	-13.63	2.00 N	17.43 W	0.05	0.05
5200	1.15	N 22.98 W	100.00	5199.71	-15.72	4.02 N	18.35 W	0.27	0.27
5300	1.11	N 24.39 W	100.00	5299.69	-17.56	5.82 N	19.14 W	0.04	0.04
5400	1.14	N 29.86 W	100.00	5399.67	-19.43	7.57 N	20.04 W	0.11	0.11
5500	1.40	N 28.76 W	100.00	5499.64	-21.58	9.50 N	21.12 W	0.26	0.26
5600	1.53	N 24.91 W	100.00	5599.61	-24.02	11.79 N	22.28 W	0.16	0.16
5700	1.61	N 18.67 W	100.00	5699.57	-26.55	14.33 N	23.30 W	0.19	0.19
5800	1.71	N 4.71 W	100.00	5799.53	-28.97	17.16 N	23.88 W	0.41	0.41
5900	1.66	N 3.60 E	100.00	5899.49	-31.08	20.08 N	23.91 W	0.25	0.25

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	R E C T A N G U L A R C O O R D I N A T E S FEET		DOGLEG SEVERITY DG/100FT	DOGLE AMOUN DEG
6000	1.57	N 6.32 E	100.00	5999.45	-32.91	22.89 N	23.67 W	0.11	0.11
6100	1.58	N 2.74 E	100.00	6099.41	-34.72	25.64 N	23.45 W	0.10	0.10
6200	1.59	N 3.56 E	100.00	6199.37	-36.59	28.40 N	23.30 W	0.02	0.02
6300	1.71	N 5.50 E	100.00	6299.33	-38.47	31.25 N	23.07 W	0.13	0.13
6400	1.73	N 4.85 E	100.00	6399.29	-40.42	34.25 N	22.80 W	0.03	0.03
6500	1.96	N 8.91 E	100.00	6499.23	-42.43	37.45 N	22.41 W	0.26	0.26
6600	1.91	N 9.34 E	100.00	6599.18	-44.44	40.79 N	21.88 W	0.05	0.05
6700	1.78	N 25.04 E	100.00	6699.12	-45.96	43.85 N	20.93 W	0.52	0.52
6800	1.69	N 40.19 E	100.00	6799.08	-46.64	46.40 N	19.30 W	0.47	0.47
6900	1.69	N 37.41 E	100.00	6899.04	-46.98	48.70 N	17.45 W	0.08	0.08
7000	1.70	N 35.95 E	100.00	6998.99	-47.44	51.08 N	15.67 W	0.04	0.04
7100	1.75	N 35.93 E	100.00	7098.95	-47.95	53.52 N	13.91 W	0.05	0.05
7200	1.70	N 34.91 E	100.00	7198.90	-48.48	55.98 N	12.16 W	0.06	0.06
7300	1.72	N 33.88 E	100.00	7298.85	-49.05	58.44 N	10.47 W	0.04	0.04
7400	1.79	N 31.89 E	100.00	7398.81	-49.72	61.01 N	8.81 W	0.09	0.09
7500	1.84	N 32.64 E	100.00	7498.76	-50.46	63.70 N	7.11 W	0.06	0.06
7600	1.81	N 32.49 E	100.00	7598.71	-51.17	66.39 N	5.39 W	0.04	0.04
7700	1.88	N 29.15 E	100.00	7698.65	-51.99	69.16 N	3.74 W	0.13	0.13
7800	1.90	N 30.82 E	100.00	7798.60	-52.87	72.00 N	2.10 W	0.06	0.06
7900	1.94	N 29.20 E	100.00	7898.54	-53.77	74.91 N	0.42 W	0.06	0.06
8000	1.94	N 30.09 E	100.00	7998.49	-54.70	77.85 N	1.25 E	0.03	0.03
8100	1.90	N 30.04 E	100.00	8098.43	-55.60	80.76 N	2.93 E	0.04	0.04
8200	1.88	N 29.77 E	100.00	8198.38	-56.49	83.61 N	4.58 E	0.02	0.02
8300	1.86	N 30.45 E	100.00	8298.32	-57.35	86.42 N	6.20 E	0.03	0.03
8400	1.85	N 27.81 E	100.00	8398.27	-58.26	89.23 N	7.77 E	0.09	0.09
8500	1.81	N 27.67 E	100.00	8498.22	-59.24	92.06 N	9.26 E	0.04	0.04
8600	1.85	N 29.60 E	100.00	8598.17	-60.17	94.87 N	10.79 E	0.08	0.08
8700	1.90	N 30.45 E	100.00	8698.12	-61.05	97.72 N	12.44 E	0.06	0.06
8800	1.91	N 32.07 E	100.00	8798.06	-61.87	100.57 N	14.17 E	0.05	0.05
8900	1.93	N 31.70 E	100.00	8898.00	-62.67	103.43 N	15.95 E	0.02	0.02

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET		DOGLEG SEVERITY DG/100FT	DOGLEG AMOUNT DEG
9000	1.88	N 28.66 E	100.00	8997.95	-63.55	106.30 N	17.62 E	0.11	0.11
9100	1.84	N 34.98 E	100.00	9097.90	-64.32	109.07 N	19.33 E	0.21	0.21
9200	2.07	N 37.74 E	100.00	9197.84	-64.87	111.82 N	21.36 E	0.25	0.25
9300	1.97	N 35.12 E	100.00	9297.78	-65.43	114.66 N	23.46 E	0.14	0.14
9400	2.07	N 42.17 E	100.00	9397.71	-65.85	117.41 N	25.66 E	0.27	0.27
9500	2.42	N 60.03 E	100.00	9497.64	-65.47	119.87 N	28.70 E	0.78	0.78
9600	2.57	N 77.58 E	100.00	9597.54	-63.76	121.43 N	32.74 E	0.78	0.78
9700	2.52	S 81.49 E	100.00	9697.44	-60.78	121.58 N	37.15 E	0.93	0.93
9800	2.64	S 41.60 E	100.00	9797.34	-56.57	119.48 N	41.02 E	1.76	1.76
9900	4.22	S 36.40 E	100.00	9897.16	-50.62	114.84 N	44.78 E	1.61	1.61
10000	5.49	S 33.96 E	100.00	9996.80	-42.26	107.92 N	49.66 E	1.29	1.29
10100	5.97	S 35.18 E	100.00	10096.30	-32.43	99.70 N	55.32 E	0.49	0.49
10200	6.11	S 37.23 E	100.00	10195.74	-22.02	91.21 N	61.54 E	0.26	0.26
10300	6.45	S 41.60 E	100.00	10295.14	-11.13	82.77 N	68.48 E	0.59	0.59
10400	7.60	S 42.24 E	100.00	10394.39	1.09	73.67 N	76.65 E	1.15	1.15
10500	8.98	S 45.12 E	100.00	10493.35	15.49	63.25 N	86.60 E	1.44	1.44
10600	10.20	S 49.80 E	100.00	10591.95	32.13	51.99 N	98.87 E	1.45	1.45
10700	10.85	S 55.71 E	100.00	10690.26	50.19	40.94 N	113.40 E	1.26	1.26
10800	11.37	S 63.25 E	100.00	10788.39	68.79	31.16 N	129.99 E	1.54	1.54
10900	11.19	S 66.10 E	100.00	10886.46	87.13	22.79 N	147.66 E	0.59	0.59
11000	9.14	S 68.25 E	100.00	10984.88	103.40	15.95 N	163.92 E	2.08	2.08
11100	7.67	S 72.25 E	100.00	11083.81	116.56	11.02 N	177.67 E	1.58	1.58
11200	6.08	S 73.99 E	100.00	11183.09	127.06	7.54 N	189.12 E	1.60	1.60
11300	5.08	S 76.48 E	100.00	11282.61	135.41	5.06 N	198.52 E	1.03	1.03
11400	4.20	S 80.82 E	100.00	11382.28	142.09	3.47 N	206.45 E	0.95	0.95
11500	3.71	S 85.55 E	100.00	11482.05	147.47	2.65 N	213.29 E	0.59	0.59
11600	3.29	S 86.01 E	100.00	11581.86	152.05	2.21 N	219.37 E	0.42	0.42
11700	2.84	N 88.43 E	100.00	11681.72	155.86	2.09 N	224.70 E	0.54	0.54
11800	2.94	N 88.77 E	100.00	11781.59	159.30	2.22 N	229.73 E	0.10	0.10
11900	3.05	N 79.33 E	100.00	11881.45	162.55	2.76 N	234.92 E	0.51	0.51

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	COURSE LENGTH FEET	TRUE		RECTANGULAR		DOGLEG SEVERITY DG/100FT	DOGLEG AMOUNT DEC
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET	C O O R D I N A T E S	N		
12000	3.41	N 75.54 E	100.00	11981.29	165.52	3.98 N	240.43 E	0.42	0.42
12100	3.32	N 67.91 E	100.00	12081.12	168.11	5.82 N	246.00 E	0.46	0.46
12200	3.30	N 65.44 E	100.00	12180.95	170.20	8.12 N	251.32 E	0.14	0.14
12300	3.46	N 66.42 E	100.00	12280.78	172.26	10.53 N	256.71 E	0.17	0.17
12400	4.11	N 74.97 E	100.00	12380.56	175.06	12.70 N	262.93 E	0.86	0.86
12500	4.59	N 86.44 E	100.00	12480.27	179.41	13.93 N	270.40 E	0.99	0.99
12600	4.67	S 62.79 E	100.00	12579.95	186.05	12.29 N	278.21 E	2.46	2.46
12700	5.32	S 36.30 E	100.00	12679.57	194.64	6.69 N	284.77 E	2.37	2.37
12800	7.48	S 25.54 E	100.00	12778.94	205.47	2.86 S	290.49 E	2.47	2.47
12900	11.39	S 24.78 E	100.00	12877.57	220.94	17.70 S	297.46 E	3.91	3.91
13000	14.42	S 26.46 E	100.00	12975.03	242.08	37.84 S	307.12 E	3.05	3.05
13100	15.38	S 22.48 E	100.00	13071.66	266.25	61.24 S	317.77 E	1.40	1.40
13200	18.02	S 26.89 E	100.00	13167.44	293.28	87.34 S	329.76 E	2.92	2.92
13300	20.29	S 21.91 E	100.00	13261.89	324.09	117.21 S	343.31 E	2.80	2.80
13400	21.24	S 20.07 E	100.00	13355.40	356.61	150.31 S	356.01 E	1.15	1.15
13500	23.33	S 16.88 E	100.00	13447.92	390.70	186.27 S	368.02 E	2.42	2.42
13600	25.97	S 18.46 E	100.00	13538.80	427.93	226.01 S	380.69 E	2.72	2.72
13700	27.58	S 16.59 E	100.00	13628.07	468.10	268.97 S	394.25 E	1.82	1.82
13800	28.30	S 18.47 E	100.00	13716.42	509.87	313.65 S	408.36 E	1.14	1.14
13900	28.35	S 20.10 E	100.00	13804.44	552.82	358.44 S	424.04 E	0.78	0.78
14000	28.53	S 21.45 E	100.00	13892.37	596.44	402.97 S	440.93 E	0.67	0.67
14100	27.99	S 19.76 E	100.00	13980.45	639.75	447.29 S	457.59 E	0.97	0.97
14200	28.05	S 19.74 E	100.00	14068.73	682.44	491.52 S	473.47 E	0.05	0.05
14300	28.43	S 19.74 E	100.00	14156.83	725.42	536.05 S	489.45 E	0.38	0.38
14400	28.89	S 16.10 E	100.00	14244.58	768.33	581.68 S	504.20 E	1.80	1.80
14500	31.17	S 14.75 E	100.00	14331.14	812.08	629.92 S	517.52 E	2.38	2.38
14600	30.36	S 12.39 E	100.00	14417.07	855.98	679.64 S	529.52 E	1.46	1.46
14700	29.99	S 11.86 E	100.00	14503.52	898.45	728.78 S	540.07 E	0.45	0.45
14800	30.65	S 13.67 E	100.00	14589.84	941.41	778.02 S	551.23 E	1.13	1.13
14900	31.13	S 13.07 E	100.00	14675.66	985.38	827.96 S	563.10 E	0.57	0.57

AMOCO PRODUCTION COMPANY
WELL NAME: ISLAND RANCHING E-3 RIG: NOBLE 116
LOCATION: SUMMIT COUNTY, UTAH

COMPUTATION PAGE NO.
TIME DATE
15:58:49 23-AUG-84

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	COURSE LENGTH FEET	TRUE		RECTANGULAR			DOGLEG SEVERITY DG/100FT	DOGLEG AMOUNT DEG
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET	COORDINATES FEET				
15000	32.86	S 12.25 E	100.00	14760.46	1030.42	879.66 S	574.71 E	1.79	1.79	
15100	34.82	S 14.08 E	100.00	14843.52	1078.01	933.88 S	587.39 E	2.21	2.21	
15200	32.80	S 13.42 E	100.00	14926.60	1125.85	987.93 S	600.62 E	2.06	2.06	

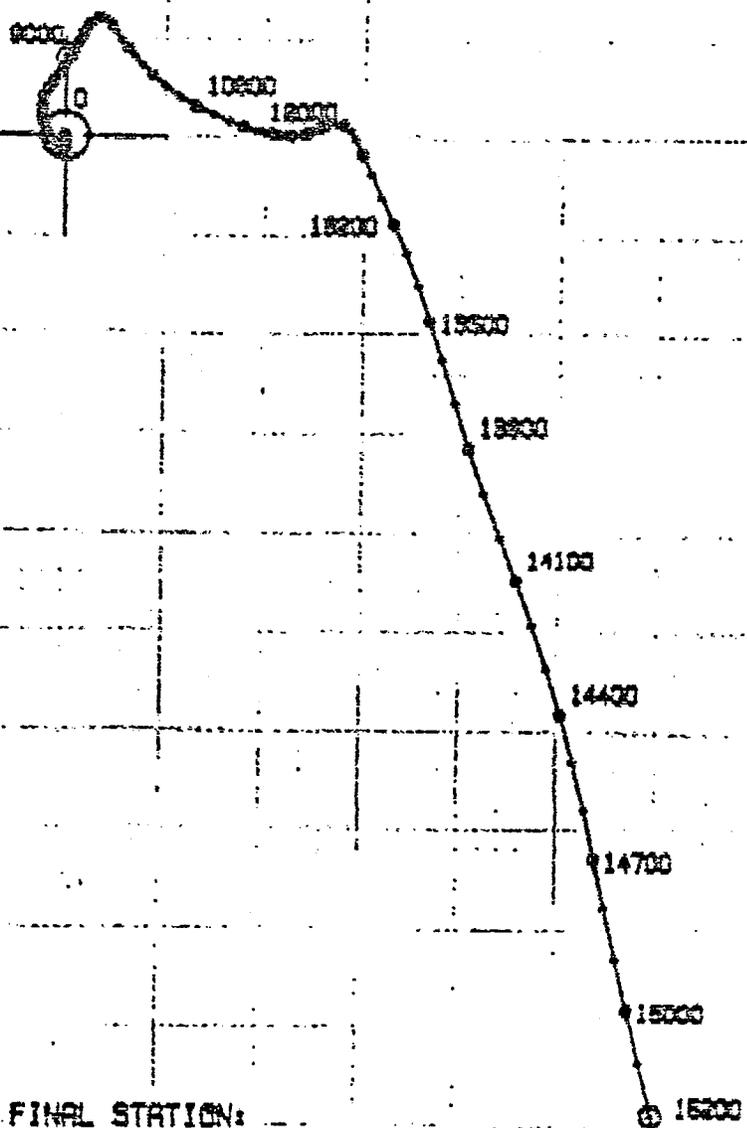
FINAL CLOSURE - DIRECTION: 148.702 DEGS CLOCKWISE FROM NORTH
DISTANCE: 1156.18 FEET

AMOCO PRODUCTION COMPANY
WELL NAME: ISLAND RANCHING E-3
LOCATION: SUMMIT COUNTY, UTAH

HORIZONTAL PROJECTION

SCALE 1 IN. = 200 FEET
DEPTH INDICATOR: MD

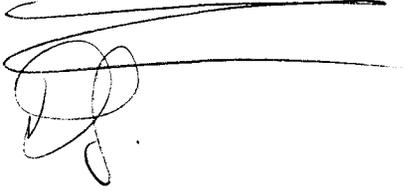
EASTMAN WHIPSTOCK, INC.



FINAL STATION:
DEPTH 15200 MD. 14926.59 TVD
SOUTH 987.99 EAST 600.59
CLOSURE 1158.21 S 31.2950 DEG E

Utah Division of Oil, Gas, and Mining
Casing - Bradenhead Test

Operator: AMOCO ROCKMOUNT COMPANY Field/Unit: ANSCHUTZ RANCH EAST
Well: AREU #W36-14 Township: 04N Range: 07E Sect:36
API: 43-043-30255 Welltype: INJG Max Pressure: 6100
Lease type: FEE Surface Owner: FEE
Test Date: 8/28/89

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
Surface:	133/8	6225		Injection Pressure 5000 psi
Intermediate:	9 5/8	12397		Pressure to 1000 psi
Production:	7	15300		Held 15 min
Other:		0		
Tubing:	3 1/2			8/29/89
Packer:		13800		
Recommendations:				9000 psi check casing tubing annulus.

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>10/11/94</u>	Well Owner/Operator: <u>Amoco</u>
Disposal Well: _____	Enhanced Recovery Well: <u>Pres. Maint</u> Other: _____
API No.: <u>43-043-30255</u>	Well Name/Number: <u>W36-14</u>
Section: <u>36</u>	Township: <u>4N</u> Range: <u>7E</u>

Initial Conditions:

Tubing - Rate: 31.5 MMCF Pressure: 4842 psi
 Casing/Tubing Annulus - Pressure: 30 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>30</u>	<u>4842</u>
5	<u>1020</u>	<u>4875</u>
10	<u>1025</u>	<u>4875</u>
15	<u>1025</u>	<u>4875</u>
20	<u>1025</u>	<u>4875</u>
25	_____	_____
30	_____	_____

Results: Pass / Fail

Conditions After Test:

Tubing Pressure: 4875 psi
 Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

Test OK

Art MacClean / Felicia Yuen Chris Kierst
 Operator Representative 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)

October 12, 1994

Amoco Production Company
P.O. Box 829
Evanston, WY 82930
Attention: Art MacLean

Re: Anschutz Ranch, East, Unit Injection Wells, Summit County, Utah

Dear Mr. MacLean,

Please accept this letter as documentation of certain Unit wells having successfully passed five year mechanical integrity tests conducted on 10/11/94. The relevant wells are as follows:

<u>Well Name</u>	<u>Location</u>	<u>API Number</u>
W1-02	Section 1, T. 3 N., R. 7 E.	43-043-30209
W36-14	Section 36, T. 4 N., R. 7 E.	43-043-30255
W30-12A	Section 30, T. 4 N., R. 8 E.	43-043-30248
W30-15	Section 30, T. 4 N., R. 8 E.	43-043-30216
W30-02	Section 30, T. 4 N., R. 8 E.	43-043-30218

In addition, enclosed please find a list of injection wells operated by Amoco and dates of their last integrity tests. Please note that the dates listed for the above five wells are obsolete because the database hasn't been updated yet.

If you have any questions concerning this matter, please contact this office.

Very truly yours,

Christopher J. Kierst
Reclamation Specialist



API	WELL	WELLTYPE	MITDATE	TYPETEST	INDIA
43-043-30228	AREU #W20-02	INJG	08/11/92	PRESSURE	N
43-043-30106	ANSCHUTZ RANCH 34-02	INJD	07/26/91	PRESSURE	N
43-043-30139	ISLAND RANCHING #C-1	INJD	05/23/91	PRESSURE	N
43-043-30136	AREU #W29-02	INJG	08/11/92	PRESSURE	N
43-043-30154	AREU #W29-12	INJG	08/11/92	PRESSURE	N
43-043-30251	AREU #W29-14A	INJG	08/11/92	PRESSURE	N
43-043-30209	AREU #W01-02	INJG	08/29/89	PRESSURE	N
43-043-30265	AREU #W02-10	INJG	08/11/92	PRESSURE	N
43-043-30096	AREU #W16-14	INJG	08/11/92	PRESSURE	N
43-043-30272	AREU #W19-08	INJG	08/11/92	PRESSURE	N
43-043-30123	AREU #W20-08	INJG	08/11/92	PRESSURE	N
43-043-30145	AREU #W20-14	INJG	08/11/92	PRESSURE	N
43-043-30216	AREU #30-15 (W31-02)	INJG	08/29/89	PRESSURE	N
43-043-30248	AREU #W30-12A	INJG	08/29/89	PRESSURE	N
43-043-30183	AREU #W30-08	INJG	08/11/92	PRESSURE	N
43-043-30218	AREU #W30-02	INJG	08/29/89	PRESSURE	N
43-043-30185	AREU #W30-14	INJG	08/11/92	PRESSURE	N
43-043-30167	AREU #W36-08	INJG	08/11/92	PRESSURE	N
43-043-30255	AREU #W36-14	INJG	08/29/89	PRESSURE	N
43-043-30280	AREU #W31-05	INJG	08/11/92	PRESSURE	N

STATE OF UTAH
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

INJECTION WELL - PRESSURE TEST

Test Date: <u>11/13/97</u>	Well Owner/Operator: <u>AMOCO ROCKMONT CO.</u>	
Disposal Well: _____	Enhanced Recovery Well: _____	Other: <u>GIW</u>
API No.: <u>43-043-30255</u>	Well Name/Number: <u>ANSCHUTZ RANCH EAST W 36-14</u>	
Section: <u>36</u>	Township: <u>4N</u>	Range: <u>7E</u>

Initial Conditions:

Tubing - Rate: Shut in Pressure: 3600 psi

Casing/Tubing Annulus - Pressure: 850 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1050</u>	<u>3600</u>
5	<u>1000</u>	<u>3600</u>
10	<u>1000</u>	<u>3600</u>
15	<u>1000</u>	<u>3600</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 3600 psi

Casing/Tubing Annulus Pressure: 850 psi

REMARKS:

Pressure bled off 50 #'s first 5 minutes of test. Pressure held steady for the remainder.

Operator Representative

JIM THOMPSON Date: 11/13/97
DOG M Witness

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 Number:

FEE

6. If known, Abbreviated Tract Name:

7. Unit Agreement Name:

ANSCHUTZ RANCH EAST

8. Well Name and Number:

ARE W 36-14

9. API Well Number:

430433025500

10. Field and Pool, or Wellcut:

ANSCHUTZ RANCH EAST

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

BP AMOCO (PH. 281-366-2036)

3. Address and Telephone Number:

P.O. BOX 3092, HOUSTON, TEXAS 77079-2696

4. Location of Well

Parcels: 1780' FEL, 901' ESL

Co. Sec., T., R., M.: SECTION 36, TWP. 4N, RGE. 7E

County: SUMMIT

State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection PRODUCER
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start: MAY 15, 1999

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion

Report results of Multiple Completions and Reperforations to different Reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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 conditionally drilled, give subsurface conditions and responses and true vertical depths for all surface and down hole partners to this well.)

THIS WELL IS CURRENTLY NITROGEN INJECTION WELL AND IS PLANNED TO BE CONVERTED TO PRODUCER. THERE WILL BE NO DOWN HOLE WORK ASSOCIATED WITH THIS CONVERSION.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

COPY SENT TO OPERATOR
Date: 5/6/99
Initials: CHD

13.

Name & Signature

Levy M...

Title: PETROLEUM ENGR.

Date: 4/28/99

(This space for State use only)

SENT 6/4

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for operations to drill new wells, abandon existing wells, or to remove plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

3. Lease Description and Serial Number:
FEE

6. Section, Township or Ties Name:

7. Unit Agreement Name:
ANSCHUTZ RANCH EAST

8. Well Name and Number:
ARE W36-14

9. API Well Number:
4304330255

10. Field and Pool, or Wellcat:
ANSCHUTZ RANCH EAST

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
BP AMOCO (PH 281-366-2036)

3. Address and Telephone Number:
P.O. Box 3092, Houston, Texas 77029-2696

4. Location of Well
Footage:
1780' FEL, 901' FSL
O.C. Sec., T.R.M.:
SECTION 36, TWP 4N, RGE 7E

County: SUMMIT
State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start: JUNE 15, 1999

Date of work completion

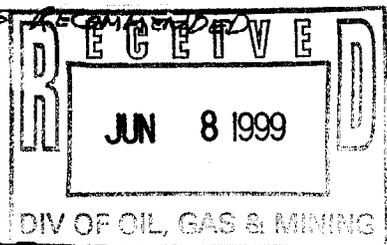
Return results of Multiple Completions and Reperforations to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a correct verification report.

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

THIS WELL WAS RECENTLY CONVERTED FROM A NITROGEN INJECTION WELL TO A PRODUCER. DUE TO THE EXCESSIVE AMOUNTS OF WATER PRODUCTION A WATER SHUTOFF IS RECOMMENDED

(SEE ATTACHED PROCEDURE)



13. Name & Signature: [Signature]

TITLE: PETROLEUM ENGINEER Date: 6/4/99

(This space for State use only)

COPIES TO OPERATOR
6-10-99
CHD

(See instructions on Reverse Side)

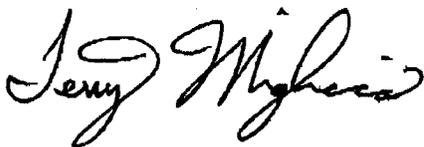
Approved by the
Utah Division of
Oil, Gas and Mining
Date: 6-8-99
By: [Signature]

To: Stacy Swingle
Kenton Schoch

Date: June 4, 1999

Subject: Anschutz Ranch East W36-14 Water Shutoff Procedure

Please see attached a procedure for running production logs and shutting off water in well W36-14. This well was recently converted from a nitrogen injector to a producer and is producing an excessive amount of water. Offset well W36-10, is positioned in the same structural position as W36-14 and also produced large volumes of water until it was plugged back. W36-14 will likely need a plug at a similar depth as W36-10. A production log will be run to determine the exact depth of the plug back. The majority of the water is expected to be coming from zone 3 in the Nugget sand. This work over is not expected to exceed \$50 M gross for running the production log and setting the bridge plug. Should you have any questions please contact me in Houston at 281-366-2036.



Terry Miglicco
Operations Engineer

Workover Procedure
Anschutz Well No. W36-14

Location: Section 36, T4N, R7E

County: Summit

State: Utah

Objective: Run production log and shutoff lower water zones using BP.

Caution: please review well history and completion diagram in detail before running in the hole. Smallest ID per diagram is located at approximately 13,584 ft.

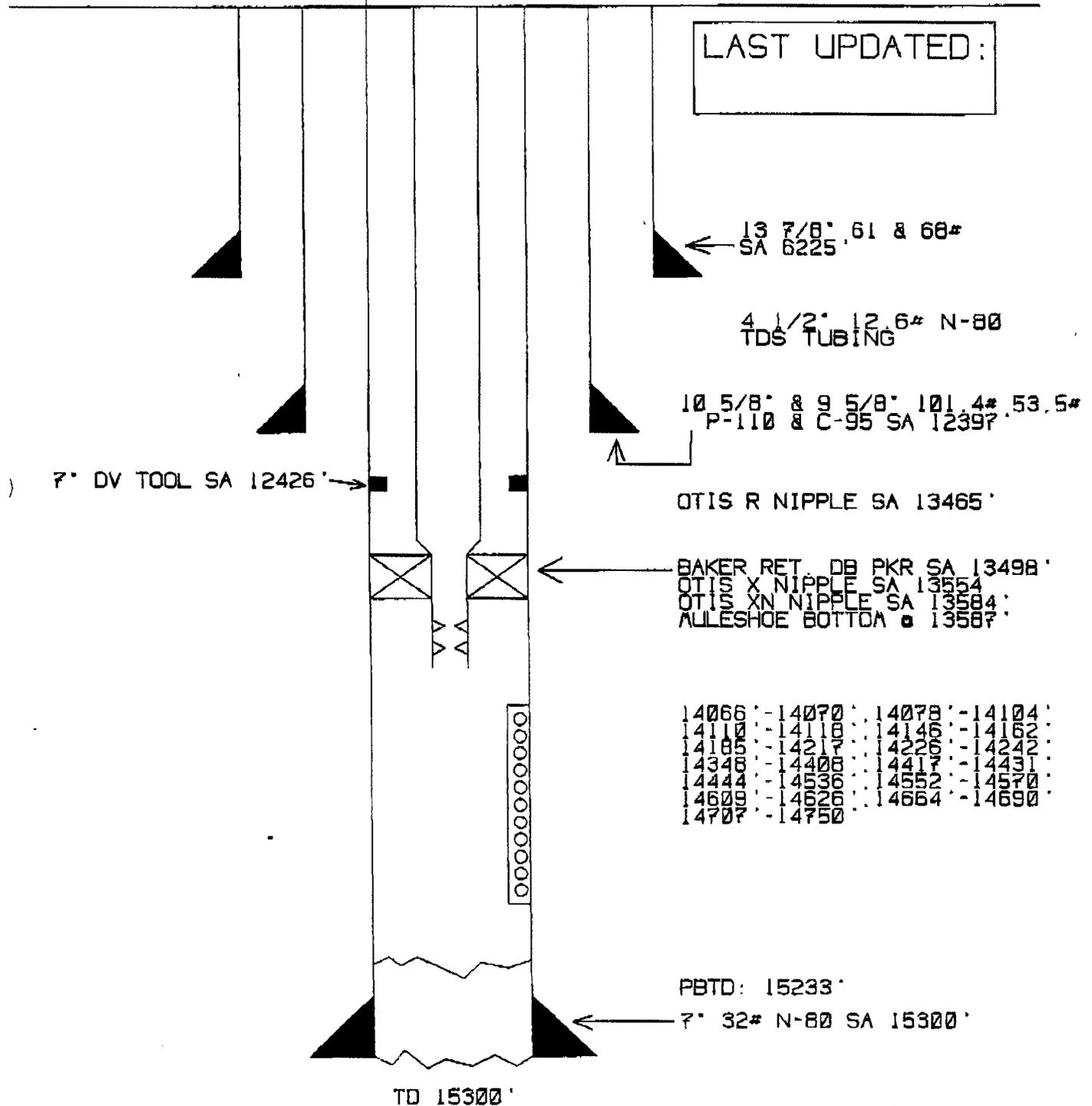
Procedure:

- 1.) MIRU Schlumberger electric line unit and conduct pre-workover safety meeting.
- 2.) Shut in well and shutoff chemical injection (if applicable).
- 3.) Rigup lubricator and pressure test using water.
- 4.) RIH with gauge ring and tag PBTD at approximately 15,233 ft.
- 5.) With the well shutin RIH with gamma ray, temperature gauge, pressure gauge and fullbore spinner.
- 6.) Once on bottom open well and make flowing well passes.
- 7.) POOH and rig down production log.
***** Discuss log results with Houston and determine BP depth*****
- 8.) RIH with permanent thru tubing inflatable bridge plug and set in 7" casing.
- 9.) Set TTBP at discussed depth (per CNL/FDC log dated 1/20/82).
- 10.) POOH w/ running tool and pickup dump bailer.
- 11.) Dump bail approximately 10 ft of cement on top of bridge plug as recommended.
- 12.) POOH and let well set overnight. Return well to production in the morning.
- 13.) Monitor rates / pressures and report to operations engr. Accordingly

Contacts:	Stacy Swingle @307-783-2752	Workover Foreman
	Kenton Schoch @ 307-783-2421	ARE Process Foreman
	Scott Pilch @ 307-789-2638	Schlumberger
	Terry Miglicco @ 281-366-2036	ARE Operations Engr. (Houston)

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W36-14

LOCATION: 1780' FEL, 901' FSL, SEC. 36, T4N, R7E
 ELEVATION: 8256' KB 8231' GL



**STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**

5. Lease Designation and Serial Number:
FREE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Anschutz Ranch East

8. Well Name and Number:
36-14

9. API Well Number:
43-043-30255

10. Field and Pool, or Wildcat:
Anschutz Ranch East

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

1. Type of Well: OIL GAS OTHER

2. Name of Operator:
Amoco Production Company

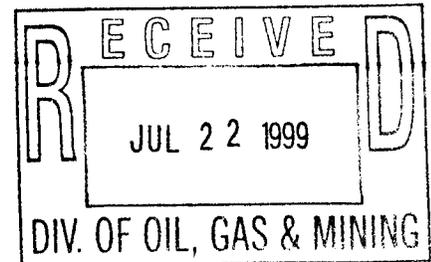
3. Address and Telephone Number:
P. O. Box 3092, Houston, TX 77253

4. Location of Well
Footages:
1780' FEL & 901' FSL
County:
Summit
State:
Utah
QQ, Sec., T.,R.,M.:
SEC.36, T4N, R7E

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandonment* <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other Conversion from injection to producing. Date of work completion 05/27/99 <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>
<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 Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

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.)
The subject well was converted from an injection well to a producing well on 05/27/99.



13. Signature: *Heather Camp* Title: Business Analyst Date: 07/16/99

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial
Free

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Anschutz Ranch East

8. Well Name and Number:
36-14

9. API Well Number
43-043-30255

10. Field and Pool, or Wildcat:
Anschutz Ranch East

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

1. Type of Well: OIL GAS OTHER

2. Name of Operator:
Amoco Production Company

3. Address and Telephone Number:
P. O. Box 3092, Houston, TX 77253

4. Location of Well
Footages:
1780' FWL & 901' FSL

*WELLS DATABASE 925 FSL
1594 FWL
41542, 2250 N7
41542, 2250 N7 - NEW
OLD 491, 131.0 E 491, 132 E*

County:
Summit
State:
Utah

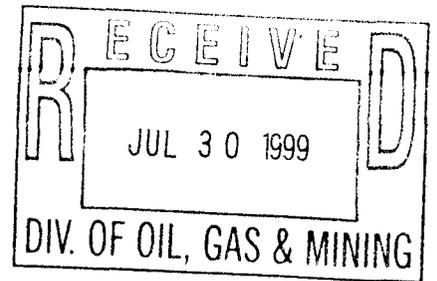
QQ, Sec., T., R., M.:
SEC.36, T4N, R7E

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input 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 or 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 Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other Conversion from injection to producing.	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion 05/27/99	
		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	

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

The subject well was converted from an injection well to a producing well on 05/27/99.



13. Signature: *[Handwritten Signature]* Title: **Business Analyst** Date: **07/22/99**

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
See Attached

8. WELL NAME and NUMBER:
See Attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See Attached

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER See Attached

2. NAME OF OPERATOR:
Amoco Production Company

3. ADDRESS OF OPERATOR:
501 Westlake Park Blvd, Houston CITY STATE TX ZIP 77079 PHONE NUMBER: (281) 366-5328

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See Attached COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.

Also attached for the Board's file is a copy of the Board Resolution approving the name change.

NAME (PLEASE PRINT) Alan Wood TITLE Regulatory Engineer
SIGNATURE  DATE 12/11/2001

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES OF AMERICA
STATE OF TEXAS
COUNTY OF HARRIS
CITY OF HOUSTON

§
§
§
§

CERTIFICATE

M. S. Haskins, of lawful age, first being duly sworn on oath, deposes and says:

1. That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.;

2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

WHEREAS, in connection with BP America Inc.'s ("BP") integration of Atlantic Richfield Company ("ARCO") and Vastar Resources, Inc. ("Vastar"), BP has elected to reorganize, consolidate and merge its upstream onshore Lower 48 assets into a single legal entity to align BP's legal structure with its business organization and to improve operating efficiencies; and

WHEREAS, BP desires Amoco Production Company ("Company") to be such single legal entity for the purposes of such reorganization, consolidation and merger; and

WHEREAS such reorganization, consolidation and merger shall be accomplished by December 31, 2001 pursuant to a Reorganization Agreement ("Agreement") by and between ARCO and BP Company North America Inc. ("BP Company NA"), the parent of Company, resulting in ARCO's upstream onshore Lower 48 assets being transferred to Company and Vastar being merged into Company; and

WHEREAS, pursuant to such Agreement, asset, stock and liability transfers will occur in consideration for Class B common stock of BP Company NA and Company's agreement to assume all obligations and indemnify ARCO for all past and future liabilities relating to such transfers; and

WHEREAS, in connection with such reorganization, Company desires to change its name to BP America Production Company, effective December 31, 2001 with corporate seal as follows; and



WHEREAS all officers and directors of Company will remain unchanged.

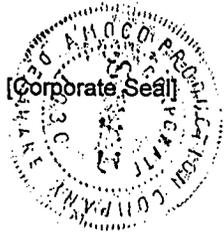
NOW, THEREFORE, BE IT,

RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

FURTHER RESOLVED, Company will change its name and corporate seal to BP America Production Company, effective December 31, 2001 and all officers and directors will remain unchanged.

3. That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

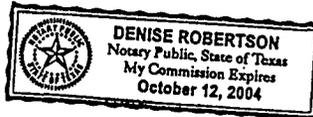
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

SUBSCRIBED and sworn to before me this 13 day of November, 2001.

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	Sec	Twp-Rng
43-043-30096-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30106-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST 34-2	SWD	Active Well	ANSCHUTZ RANCH EAST	34	4N-7E
43-043-30123-00-00	AMOCO PRODUCTION CO	ARE W20-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30129-00-00	AMOCO PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30130-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30135-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30136-00-00	AMOCO PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30138-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30139-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING C-1	SWD	Active Well	ANSCHUTZ RANCH EAST	26	4N-7E
43-043-30143-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30145-00-00	AMOCO PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30148-00-00	AMOCO PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30154-00-00	AMOCO PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30156-00-00	AMOCO PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30157-00-00	AMOCO PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30159-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30161-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING D-1	Gas Well	Shut_In	WEBER FORMATION	14	4N-7E
43-043-30162-00-00	AMOCO PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	32	4N-8E
43-043-30164-00-00	AMOCO PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30165-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-04 E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30167-00-00	AMOCO PRODUCTION CO	ARE W36-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30168-00-00	AMOCO PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	9	3N-7E
43-043-30170-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30176-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	17	4N-8E
43-043-30183-00-00	AMOCO PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30185-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30188-00-00	AMOCO PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30190-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30204-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	19	4N-8E
43-043-30209-00-00	AMOCO PRODUCTION CO	ARE W1-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30215-00-00	AMOCO PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30216-00-00	AMOCO PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30217-00-00	AMOCO PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30218-00-00	AMOCO PRODUCTION CO	ARE W30-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-31-2001**

FROM: (Old Operator):
AMOCO PRODUCTION COMPANY
Address: 501 WESTLAKE PARK BLVD
HOUSTON, TX 77079
Phone: 1-(281)-366-5328
Account N0050

TO: (New Operator):
BP AMERICA PRODUCTION COMPANY
Address: 501 WESTLAKE PARK BLVD
HOUSTON, TX 77079
Phone: 1-(281)-366-5328
Account N1990

CA No.

Unit: ANSCHUTZ RANCH EAST

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ANSCHUTZ RANCH EAST W01-06	43-043-30188	4540	01-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W01-02	43-043-30209	4540	01-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W01-04	43-043-30270	4540	01-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W01-12	43-043-30271	4540	01-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W12-04	43-043-30283	4540	02-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W11-1	43-043-30277	4540	11-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-13	43-043-30279	4540	25-4N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W36-08	43-043-30167	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-16	43-043-30157	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-10	43-043-30227	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-14	43-043-30255	4540	36-4N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-06	43-043-30138	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-12	43-043-30231	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-14	43-043-30096	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W17-16	43-043-30176	4540	17-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W19-16	43-043-30204	4540	19-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-08	43-043-30123	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-14	43-043-30145	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-06	43-043-30159	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-16	43-043-30148	4540	20-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/13/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2001

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/14/2001

4. Is the new operator registered in the State of Utah: YES Business Number: PENDING

5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change) for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/17/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/17/2001

3. Bond information entered in RBDMS on: 12/11/2001

4. Fee wells attached to bond in RBDMS on: 12/17/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

INDIAN BOND VERIFICATION:

1. Indian well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 103172911249

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 12/19/2001

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: BP AMERICA PRODUCTION COMPANY SUITE A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1013 CHEYENNE DR. CITY EVANSTON STATE WY ZIP 82930		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 901 FSL x 1780 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 4N 7E		8. WELL NAME and NUMBER: ARE W36-14 9. API NUMBER: 4304330255 10. FIELD AND POOL, OR WILDCAT: ANSCHUTZ RANCH EAST
		COUNTY: SUMMIT STATE: UTAH
		PHONE NUMBER: (303) 423-5749

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input checked="" type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The ARE W36-14 is shut in and has not been plugged and abandoned due to potential for future downhole monitoring. BP's plan is to hold these wells in a Temporarily Abandoned status until this potential is verified or eliminated. Upon elimination of potential, the wells will be plugged and abandoned. As for mechanical integrity: These wells all have packers installed and casing pressure is monitored by our field personnel. The wellhead valves are also on a regular PM for greasing and testing.
Please call Kris Lee at 303-423-5749 or Clark Lawler at 307-783-2406 if you have questions.

COPY SENT TO OPERATOR
Date: 11-19-03
Initials: LHD

RECEIVED
MAR 27 2003

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see attached sheet).

[Signature]
November 19, 2003
Utah Division of Oil, Gas and Mining

NAME (PLEASE PRINT) Kristina A. Lee	TITLE Regulatory Specialist
SIGNATURE <i>[Signature]</i>	DATE 3/17/2003

(This space for State use only)

INFORMATION REQUIRED TO EXTEND SI/TA OF WELL

Well Name and Number: ARE W36-14
API Number: 43-043-30255
Operator: Merit Energy Company
Reference Document: Original Sundry dated March 17, 2003, received by
DOGGM on March 27, 2003

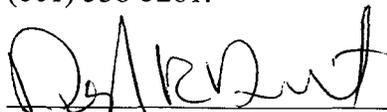
The well has been Shut-in/Temporarily Abandoned for 4 years 3 months. Insufficient information was submitted to the Division to approve the referenced well for continued Shut-in or Temporary Abandonment (SI/TA). The following requirements of R649-3-36 have not been met with this request for SI/TA approval.

1. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
2. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment. (R649-3-36-1.3)

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram and;
2. Copy of recent casing pressure test and/or;
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity and;
4. Fluid level in the wellbore and;
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.



Dustin K. Doucet
Petroleum Engineer

November 19, 2003

Date

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
See Attached

1. TYPE OF WELL OIL WELL GAS WELL OTHER See Attached

8. WELL NAME and NUMBER:
See Attached

2. NAME OF OPERATOR:
BP America Production Company

9. API NUMBER:
Attached

3. ADDRESS OF OPERATOR:
501 WestLake Park Blv. CITY Houston STATE TX ZIP 77079

PHONE NUMBER:
(281) 366-2000

10. FIELD AND POOL, OR WILDCAT:
See Attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to :

Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Forst N. Dixon Title V.P.

Signature [Signature] Date 7/1/03

BP America Production Company NAME (PLEASE PRINT) David G. Peterson TITLE Attorney-In-Fact

SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

RECEIVED

JUL 03 2003

DIV. OF OIL, GAS & MINING

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	605	W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1502	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2400	W
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	610	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1203	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	960	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1206	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENE	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2840	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENE	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENE	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENE	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1700	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

43-043-30273-00-00	BP AMERICA PRODUCTION CO	ARE W30-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30 SENW	2393 S	1645 W
43-043-30277-00-00	BP AMERICA PRODUCTION CO	ARE W11-1	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	11 NENE	533 N	1486 E
43-043-30279-00-00	BP AMERICA PRODUCTION CO	ARE W30-13	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	25 SESE	597 S	382 E
43-043-30280-00-00	BP AMERICA PRODUCTION CO	ARE W31-05	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31 SWNW	2361 N	282 E
43-043-30283-00-00	BP AMERICA PRODUCTION CO	ARE W12-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2 SESE	373 S	865 E
43-043-30286-00-00	BP AMERICA PRODUCTION CO	ARE W20-09	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SENE	2360 N	430 E
43-043-30291-00-00	BP AMERICA PRODUCTION CO	ARE W20-03	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SESW	641 S	1810 W



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 26, 2003

Bruce Williams
BP America Production Company
501 WestLake Park Blvd
Houston, TX 77079

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

The Division has processed your request for an operator change from BP America Production Company to Merit Energy Company effective July 1, 2003 for the attached list of fee wells.

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

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

7/1/2003

FROM: (Old Operator): N1990-BP America Production Company 501 WestLake Park Blvd Houston, TX 77079 Phone: (281) 366-2000	TO: (New Operator): N4900-Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Phone: (972) 628-1558
---	--

CA No.

Unit:

ANSCHUTZ RANCH EAST

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W01-02	01	030N	070E	4304330209	4540	FEE	GW	P
ARE W01-04	01	030N	070E	4304330270	4540	FEE	GW	S
ARE W2-10	02	030N	070E	4304330265	99990	FEE	GI	I
ARE W36-10	36	040N	070E	4304330227	4540	FEE	GW	S
ARE W36-14	36	040N	070E	4304330255	4540	FEE	GW	S
ARE W16-12	16	040N	080E	4304330231	4540	FEE	GW	S
ARE W19-16	19	040N	080E	4304330204	4540	FEE	GW	S
ARE W20-12	20	040N	080E	4304330220	4540	FEE	GW	S
ARE W20-02	20	040N	080E	4304330228	4540	FEE	GW	S
ARE W20-10	20	040N	080E	4304330229	4540	FEE	GW	P
ARE W20-04	20	040N	080E	4304330238	4540	FEE	GW	S
ARE E28-06	28	040N	080E	4304330226	4540	FEE	GW	P
ARE E28-12	28	040N	080E	4304330257	4540	FEE	GW	P
ARE W29-06A	29	040N	080E	4304330250	4540	FEE	GW	P
ARE W29-14A	29	040N	080E	4304330251	4540	FEE	GW	P
ARE W30-10	30	040N	080E	4304330215	4540	FEE	GW	P
ARE W30-15	30	040N	080E	4304330216	4540	FEE	GW	P
ARE W30-02	30	040N	080E	4304330218	4540	FEE	GW	S
ARE W30-12A	30	040N	080E	4304330248	99990	FEE	GI	I
ARE W31-12	31	040N	080E	4304330190	4540	FEE	GW	S
ARE W31-06	31	040N	080E	4304330217	4540	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/3/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/3/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/7/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1348145-0143
- If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: n/a

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/18/2003

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 8/26/2003
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2003
- 3. Bond information entered in RBDMS on: 8/26/2003
- 4. Fee wells attached to bond in RBDMS on: 8/26/2003

STATE WELL(S) BOND VERIFICATION:

- 1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

- 1. Federal well(s) covered by Bond Number: n/a

INDIAN WELL(S) BOND VERIFICATION:

- 1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103912218
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- 3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/26/2003

COMMENTS:



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240-7312

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases.

Dear Mr. Taylor:

Merit Energy Company, as of January 2004, has twenty-four (24) Fee Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in or temporary abandonment status. This includes twenty (20) Fee Lease Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003. Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Page 2
January 22, 2004
Lance Taylor

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
2	ARE W31-04E	43-043-30165	Fee	1 Year 3 Months
3	ARE W36-10	43-043-30227	Fee	1 Year 3 Months
4	ARE W36-08	43-043-30167	Fee	1 Year 7 Months

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE W21-04	43-043-30135	Fee	1 Year 10 Months
2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	2 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
8	ARE W20-02	43-043-30228	Fee	5 Years 4 Months
9	ARE W30-13	43-043-30279	Fee	5 Years 6 Months
10	ARE W19-16	43-043-30204	Fee	5 Years 8 Months
11	ARE W20-4	43-043-30238	Fee	6 Years 3 Months
12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
16	ARE W16-14	43-043-30096	Fee	8 Years 1 Month
17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



State of Utah

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January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240-7312

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3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Page 2
January 22, 2004
Lance Taylor

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1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
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Sincerely,



Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File

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5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
8	ARE W20-02	43-043-30228	Fee	5 Years 4 Months
9	ARE W30-13	43-043-30279	Fee	5 Years 6 Months
10	ARE W19-16	43-043-30204	Fee	5 Years 8 Months
11	ARE W20-4	43-043-30238	Fee	6 Years 3 Months
12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
16	ARE W16-14	43-043-30096	Fee	8 Years 1 Month
17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



MERIT ENERGY COMPANY

13727 Noel Road, Suite 500
Dallas, TX 75240
Ph: 972-701-8377 Fx: 972-960-1252
www.meritenergy.com

Date: February 13, 2004

Subject: Extended Shut-in wells in the Anschutz Ranch East Field

Dear Mr. Doucet:

In response to your letter dated January 22, 2004, I would like to submit the attached supporting documentation regarding our extended shut-in wells. Merit Energy Company purchased an operating interest in the Anschutz Ranch East Unit from BP Production Company effective July 1, 2003, and has spent the last seven months evaluating the production capability of all active and inactive wells in the field. This process has resulted in workovers that have reestablished production in several of these wells, and revealed future opportunities for all of the others. Here is a quick synopsis of our plans for each well.

- **ARE W20-06-** Workover is planned to immediately reactive this well by running smaller tubing, and putting the well on gas lift. Should be reactivated by mid year 2004.
- **ARE W31-04-** BP attempted a directional reentry of this wellbore in 2001, during which time the drill pipe was inadvertently cemented in the horizontal section of the wellbore. Merit is investigating methods to effectively stimulate this wellbore and return it to production. If unable to do so, it will be plugged.
- **ARE W36-10-** This well will be the first test candidate for an experimental production method for artificial lifting gas wells. An electric submersible pump will be run in this well in the next couple of months in an attempt to reestablish production by removing large volumes of water from the formation. If this project is successful it could lead to the reactivation of virtually every inactive well in the field. The project is approved internally, and we are waiting on equipment and supplies before mobilizing a service rig.
- **ARE W36-08-** This well has been reactivated following a workover last fall. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W21-04-** Surface tubing pressure indicates this well may be capable of producing again. However attempts to return this well to production with the current wellbore configuration have not been successful. Merit plans to install smaller tubing and gas lift on this well. If that is unsuccessful, this well is also a candidate for an electric submersible pump installation. If all attempts to reactivate the Nugget formation fail, this well is a recompletion candidate in the Twin Creek formation.
- **Champlin 372 C-1-** This well is capable of producing for a few days at a time, but quickly loads up with water and dies. Again, this well is a candidate for an electric submersible pump installation, or may be used as a salt water disposal well if additional capacity is needed due to the ESP program.
- **ARE W16-06-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W01-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-02-** An attempt was made to return this well to production last fall, but was unsuccessful due to high water production. Pending the success of the W36-10, this well will also have an electric submersible pump installed.
- **ARE W36-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-06-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W20-02-** A workover has been approved internally to reactivate this well, and should begin in the next few weeks. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W30-13-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W19-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.

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DIV. OF OIL, GAS & MINING

- **ARE W20-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W31-12-** An attempt was made to reactivate this well in late 2003, but was unsuccessful. A sundry notice was filed and approved by the Utah Oil and Gas Commission. An uphole recompletion in the Twin Creek formation is planned and will be completed in the next few months.
- **ARE W01-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W11-01-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W20-03-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W16-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE W16-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **Champlin 387 B-1A-** Merit Energy is in the process of obtaining records from BP for this well. Once historical information is obtained, we will evaluate all feasible methods to return this well to producing status. Otherwise it will be plugged.
- **ARE W17-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE E21-14-** This well was returned to producing status on 12/19/03.

In addition to this information, I have enclosed pressure data for all wells, and a wellbore schematic for all wells except the Champlin 387 B-1A. The static bottom hole pressures and static fluid levels were collected in September 2003 with bottom hole gauges. If you need any further information, please contact me at 972-628-1651 or electronically at lance.taylor@meritenergy.com.

Regards,



Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

Attachments: (1) page of pressure data, (23) wellbore schematics

Return-path: <Lance.Taylor@meritenergy.com>
Received: from imail.meritenergy.com [208.133.141.18]
by UTSTDP13.state.ut.us; Tue, 24 Feb 2004 07:06:49 -0700
Subject: Anschutz Ranch East Unit
To: clintondworshak@utah.gov
Cc: Rusty Ginnetti <Rusty.Ginnetti@meritenergy.com>,
Arlene Valliquette <Arlene.Valliquette@meritenergy.com>,
Dennis Longwell <Dennis.Longwell@meritenergy.com>
X-Mailer: Lotus Notes Release 5.0.10 March 22, 2002
Message-ID: <OF2FAC50A1.BE12C251-ON86256E44.004B0584-
86256E44.004D8670@meritenergy.com>
From: Lance Taylor <Lance.Taylor@meritenergy.com>
Date: Tue, 24 Feb 2004 08:06:46 -0600
X-MIMETrack: Serialize by Router on imail/Meritenergy(Release 6.0.3|September 26, 2003) at
02/24/2004 08:06:49 AM
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Mr. Dworshak,

I'd like to confirm our 2/23/04 telephone conversation in response to my letter dated 2/13/04 regarding extended shut in and temporarily abandoned wellbores in the Anschutz Ranch East Unit ("ARE Unit") of Summit county Utah. It is Merit Energy Company's intention to utilize each wellbore to it's full capacity. As such, Merit is in the process of attempting to reactivate the wellbores in question. Several wellbore specific workovers have been identified, and the approximate timing of each is mentioned in my original letter.

However, the majority of the reactivation work depends on the successful utilization of electric submersible pumps for artificial lift. It is the timing of this project that I would like to address. As you know, this is a capital intensive project, so Merit plans to do the appropriate research prior to implementation. Merit intends to test the idea on the ARE W36-10 within the next 8-12 weeks. Following a 4-12 week test period, Merit will perform a strenuous economic and operational evaluation. If it is determined that the project is valid, full scale implementation could begin as early as June. However, due to the complexity of the equipment, depth of the wells, and unavailability of service rigs, Merit anticipates this project will take several months, possibly one year, to complete. Due to the large volumes of water to be produced by this project, it is likely that one or more of the shut in wells will need to be reactivated as salt water disposal wells. All regulatory and state documentation will be completed prior to SWD conversion.

Finally, if the ESP project is unsuccessful, several of these wellbore have recompletion potential in shallower formations. Specifically, Merit has identified the Jurassic aged Twin Creek formation as a possible recompletion target. Completion practices must be researched and developed in order to ensure economic quantities of hydrocarbons. Again, all state and federal permits will be approved prior to project implementation.

If after all our efforts to economically reactivate these wells fail, Merit Energy will begin the plug and abandonment process. I trust this will clear up any issues of timing. If you have further questions or concerns please feel free to contact me at any of the numbers below.

Regards,

Lance L. Taylor
Operations Engineer-Rockies Region
Merit Energy Company
direct: 972-628-1651
fax: 972-701-0351
mobile: 972-998-9116
lance.taylor@meritenergy.com



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

March 5, 2004

CERTIFIED RETURN RECEIPT NO. 7002 0510 0003 8602 4880

Mr. Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Mr. Taylor,

The Division of Oil, Gas and Mining (DOGM) is in receipt of your letter dated February 13, 2004 in regards to the twenty-four (24) shut-in wells operated by Merit Energy Company (Merit). DOGM accepts Merit's plan of action to recomplete all twenty-four wells by year-end 2004. Many of the recompletions are dependent upon the success of electric submersible pumps; if this experimental procedure is not successful, keep the Division advised of any changes in Merit's plan of action. Based upon the plan of action and other information provided, DOGM approves the twenty-four (24) wells for extended shut-in until January 1, 2005. Please submit recompletion procedures and notice of intent sundries upon finalization.

For reference, Attachment A lists the wells subject to this request. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
2	ARE W31-04E	43-043-30165	Fee	1 Year 3 Months
3	ARE W36-10	43-043-30227	Fee	1 Year 3 Months
4	ARE W36-08	43-043-30167	Fee	1 Year 7 Months

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE W21-04	43-043-30135	Fee	1 Year 10 Months
2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	2 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
8	ARE W20-02	43-043-30228	Fee	5 Years 4 Months
9	ARE W30-13	43-043-30279	Fee	5 Years 6 Months
10	ARE W19-16	43-043-30204	Fee	5 Years 8 Months
11	ARE W20-4	43-043-30238	Fee	6 Years 3 Months
12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
16	ARE W16-14	43-043-30096	Fee	8 Years 1 Month
17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



MERIT ENERGY COMPANY

13727 Noel Road · Suite 500 · Dallas, Texas 75240
Ph 972.701.8377 · Fx 972.960.1252 · www.meritenergy.com

January 7, 2005

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

This letter is in response to a telephone conversation that I had with Clint Dworshak on December 6, 2004. At that time, he requested that I provide information on Merit Energy Company's shut-in wells at Anschutz Ranch East, proving that the ground waters are protected.

Enclosed, please find a summary sheet, as well as wellbore diagrams for the subject wells.

If you have any questions or wish to discuss this further, please contact me at (972) 628-1550 or electronically at mike.mercer@meritenergy.com.

Sincerely,

Michael L. Mercer
Engineering

UTAH DOGM – SI WELL LIST

Wells to be Reactivated in 2005

- CHAMPLIN 372 C1
 - Packer at 8,320 (MD) 6,648 (TVD)
 - Top of cement (TOC) at 4,906
 - Tubing Pressure 1250#
 - Casing Pressure 0#
 - The 4-1/2" liner is cemented in place at 5090 (below the TOC). The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-06
 - Packer at 13,398
 - Top of cement (TOC) at 12,640
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - The packer is located below the TOC. When Merit set the packer in October 2004, we pressure tested the annulus to 500 psi and it held. Therefore, the casing has integrity and the ground waters are protected.
- ARE W30-02
 - Packer at none
 - Top of cement (TOC) at 12,452
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 8200' from Surface
 - On 09/02/03, Merit ran a packer in this well and sat it at 13055' (below the TOC). The casing and packer were pressure tested to 1500 psi and held. The packer has since been removed and there is open-ended tubing in the well. However, the casing has integrity and the ground waters are protected.
- ARE W36-14
 - Packer at 13,988
 - Top of cement (TOC) at 13,700
 - Tubing Pressure 400#
 - Casing Pressure 0#
 - The packer is set below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W30-06
 - Packer at 13,450
 - Top of cement (TOC) at 11,200 (7" casing)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - The packer is set below the TOC. The 9-5/8" casing string has cement f/ 11911-7940. The 13-3/8" casing has cement f/ 5745-1200. With no pressure on the casing, and three strings of casing (7", 9-5/8", 13-3/8"), the ground waters are protected.
- ARE W30-13
 - Packer at 12,320
 - Top of cement (TOC) at 12,200
 - Tubing Pressure 300#
 - Casing Pressure 0#
 - The packer is set below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.

UTAH DOGM – SI WELL LIST

- ARE W31-12
 - Packer at none
 - Top of cement (TOC) at 10,700
 - Casing Pressure 100#
 - Fluid Level 1000' from Surface
 - There is not a packer or tubing in this well. The static fluid level is 1000' from surface. There is a 13-3/8" casing string set at 2846', a 9-5/8" casing string set at 10272', and a 7" tie-back casing string set at 9919'. These three casing strings are protecting the ground waters.

Wells with No Immediate Plans

- ARE W31-04
 - Packer at 14,000
 - Top of cement (TOC) at 11,900
 - Tubing Pressure 1100#
 - Casing Pressure 50#
 - This well is a horizontal sidetrack. The primary cement job on the original production casing had a TOC at 11,900. The kick-off point for the horizontal leg is below this depth. Additionally, the drill string was cemented in the horizontal section with the TOC estimated to be between 13126 and 13310. Based on the fact that the tubing and casing pressures are different, the two are not in communication and therefore, the ground waters are protected.
- ARE W01-12
 - Packer at 14,317
 - Top of cement (TOC) at 14,290
 - Tubing Pressure 300#
 - Casing Pressure 0#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W19-16
 - Packer at 9,756
 - Top of cement (TOC) at unknown
 - Tubing Pressure 1000#
 - Casing Pressure 0#
 - The packer is located in the "Tie-Back" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W20-04
 - Packer (PBR) at 10,489
 - Top of cement (TOC) at 9,415 (9-5/8" & 9-7/8" casing string)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 9600' from Surface
 - The tubing is tied into the 5" liner with a polish bore receptacle (PBR) at 10,489. The TOC for the intermediate casing is above this point (at 9,415). The static fluid level is at 9600' (below the TOC), therefore, the ground waters are protected.
- ARE W01-04
 - Packer at 13,891
 - Top of cement (TOC) at 13,600
 - Tubing Pressure 1400#
 - Casing Pressure 100#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.

UTAH DOGM – SI WELL LIST

- ARE W11-01
 - Packer at 12,733
 - Top of cement (TOC) at 12,100
 - Tubing Pressure 1500#
 - Casing Pressure 50#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W20-03
 - Packer at 13,271
 - Top of cement (TOC) at 12,600
 - Tubing Pressure 1400#
 - Casing Pressure 75#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-14
 - Packer (PBR) at 10,500
 - Top of cement (TOC) at 9,650 (9-5/8" casing)
 - Tubing Pressure 1500#
 - Casing Pressure 850#
 - The tubing is tied into the 4-1/2" liner with a PBR at 10,500. This is below the TOC for the 9-5/8" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-12
 - Packer at 10,304
 - Top of cement (TOC) at 10,100 (9-5/8" casing)
 - Tubing Pressure 50#
 - Casing Pressure 0#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- CHAMPLIN 387 B1A
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 5200' from surface
 - Merit has no wellfiles regarding this well. We are currently trying to obtain information on this well
- ARE W17-16
 - Packer (PBR) at 10,237
 - Top of cement (TOC) at 10,371 (7-5/8" casing)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 8400' from Surface
 - The tubing is tied into the 5" liner with a PBR at 10,237. There is a 13-3/8" casing string set at 2526', a 9-5/8" casing string set at 10701', and a 7" tie-back casing string set at 10237'. These three casing strings are protecting the ground waters.

MERIT ENERGY COMPANY

Anschutz Ranch East Unit

	WELLS	API Number	Tubing Pressure	Casing Pressure	STATUS ON / OFF	Static BHP	Static Fluid Level
1	ARE# W20-06	43-043-30159	100	200	Shut In	1835	7500-9000'
2	ARE# W31-04E	43-043-30165	1200	0	Shut In	?	?
3	ARE# W36-10	43-043-30227	100	0	Shut In	3042	7500-9000'
4	ARE# W36-08	43-043-30167	100	100	Producing	2844	6000-7500'

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE# W21-04 Champlin 372	43-043-30135	1850	450	Shut In	4130	12000'
2	Amoco #C-1	43-043-30143	0	0	Shut In	?	?
3	ARE# W16-06	43-043-30138	0	0	Shut In	?	?
4	ARE# W01-12	43-043-30271	600	0	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0	0	Shut In	?	?
6	ARE# W36-14	43-043-30255	2200	1500	Shut In	3420	Perfs
7	ARE# W30-06	43-043-30273	0	0	Shut In	2397	6000-7500'
8	ARE# W20-02	43-043-30228	100	100	Shut In	?	?
9	ARE# W30-13	43-043-30279	900	0	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400	0	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0	0	Shut In	?	?
12	ARE# W31-12	43-043-30190	20	450	Shut In	3494	4500-6000'
13	ARE# W01-04	43-043-30270			Shut In	4505	7500-9000'
14	ARE# W11-01	43-043-30277	1300	50	Shut In	4575	6000-7500'
15	ARE# W20-03	43-043-30291	1800	75	Shut In	3890	10500'
16	ARE# W16-14	43-043-30096	0	800	Shut In	4570	6000-7500'
17	ARE#16-12 Champlin 387	43-043-30231	0	0	Shut In	4781	1500-3000'
18	#B-1A	43-043-30168	0	0	Shut In	?	?
19	ARE# W17-16	43-043-30176	1100	0	Shut In	4734	3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

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Anschutz Ranch East Unit

	WELLS	API Number	Tubing Pressure	Casing Pressure	STATUS ON / OFF	Static BHP	Static Fluid Level
1	ARE# W20-06	43-043-30159	100	200	Shut In	1835	7500-9000'
2	ARE# W31-04E	43-043-30165	1200 ¹¹⁰⁰	0 ⁵⁰	Shut In	?	?
3	ARE# W36-10	43-043-30227	100	0	Shut In	3042	7500-9000'
4	ARE# W36-08	43-043-30167	100	100	Producing	2844	6000-7500'

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE# W21-04	43-043-30135	1850	450	Shut In	4130	12000'
	Champlin 372		1250	0	Perfs 6648'		
	Amoco #C-1	43-043-30143	0	0	Shut In	?	?
3	ARE# W16-06	43-043-30138	0 ⁰	0 ⁰	Shut In	?	± 2100'
4	ARE# W01-12	43-043-30271	600 ³⁰⁰	0 ⁰	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0 ⁰	0 ⁰	Shut In	?	3200'
6	ARE# W36-14	43-043-30255	2200 ⁴⁰⁰	1500 ⁰	Shut In	3420	Perfs
7	ARE# W30-06	43-043-30273	0 ⁰	0 ⁰	Shut In	2397	6000-7500'
8	ARE# W20-02	43-043-30228	100	100	Shut In	?	?
9	ARE# W30-13	43-043-30279	900 ³⁰⁰	0 ⁰	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400 ¹⁰⁰⁰	0 ⁰	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0 ⁰	0 ⁰	Shut In	?	9600'
12	ARE# W31-12	43-043-30190	20 ¹⁰⁰	450 ¹⁰⁰	Shut In	3494	4500-6000'
13	ARE# W01-04	43-043-30270	1400	100	Shut In	4505	7500-9000'
14	ARE# W11-01	43-043-30277	1300 ¹⁵⁰⁰	50 ⁵⁰	Shut In	4575	6000-7500'
15	ARE# W20-03	43-043-30291	1800 ¹⁴⁰⁰	75 ⁷⁵	Shut In	3890	10500'
16	ARE# W16-14	43-043-30096	0 ¹⁵⁰⁰	800 ⁸⁵⁰	Shut In	4570	6000-7500'
17	ARE# 16-12	43-043-30231	0 ⁵⁰	0 ⁰	Shut In	4781	1500-3000'
18	Champlin 387 #B-1A	43-043-30168	0 ⁰	0 ⁰	Shut In	?	5200'
19	ARE# W17-16	43-043-30176	1100 ⁰	0 ⁰	Shut In	4734	3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

Champlin 372 → Pressure from 0 to 1250 psi (tubing) No FL Perfs @ 6648' ???

ARE# 36-14 → Pressure from 1500 to 0 Press from 2200 to 400 FLE 4006' RECEIVED

ARE# W16-14 → Tbg from 0 to 1500 psi, csj remained @ ± 850 psi FLE 600', parts @ 2816' FEB-20-2004

ARE# W17-16 → Tbg from 1100 to 0 FL from 4000' to 8400' FLE 4000' parts @ 13806' BHP = 4734 psi, Grad = 0.315 psi/ft

DIV. OF OIL, GAS & MINING
BHP = 4570 psi, Grad = 0.345 psi/ft
FL @ 8400'

From: Mike Mercer <Mike.Mercer@meritenergy.com>
To: "Dustin Doucet" <dustindoucet@utah.gov>
Date: 4/7/2005 3:12:05 PM
Subject: Re: SI/TA integrity questions

On the W16-14, the production foreman did have to replace the gauge to get the new (correct) reading.

On the W17-16, the pressures and fluid levels were actually taken off of a swab report (they did not get "static" readings), which explains why the fluid level (and tubing pressure) was so much lower.

Hope this takes care of you, if not, please call.

Thanks

Michael L. Mercer
Engineering
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240
(972) 628-1550 Direct
(972) 960-1252 Fax

"Dustin Doucet"
<dustindoucet@utah.gov>
To
<Mike.Mercer@meritenergy.com>
03/11/2005 04:14 PM cc
Subject
Re: SI/TA integrity questions

Mike,

Thanks for the info. A couple more questions. On the 16-14 and 17-16 do you figure the readings or gauges were incorrect last year or is their some other reason for the change in pressures?

Dustin

>>> Mike Mercer <Mike.Mercer@meritenergy.com> 03/11/05 1:48 PM >>>

Dustin,

Sorry it has taken me so long to get back with you...in response to your email, most are easily explained...(see below in red)

Regarding the W30-14, we are installing ESPs on either side of this well, we have a service company designing gas lift for this well and are evaluating a reactivation following the ESP installations. If we do not have the well reactivated in the next couple of months, I will provide you with the wellbore diagram, pressures, and fluid level.

Let me know if you need anything else. Thanks

Michael L. Mercer
Engineering
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240
(972) 628-1550 Direct
(972) 960-1252 Fax

"Dustin Doucet"

<dustindoucet@uta

h.gov>

To

<mike.mercer@meritenergy.com>

02/16/2005 04:04

cc

PM

Subject

SI/TA integrity questions

Mike,

I finally looked at the packet you provided us at our January 10th meeting and had questions that you may be able to answer on four wells.

My questions deal with pressure and fluid level changes that I didn't have enough info to explain why they changed. Also, I want to give you

a heads up that another well came on to the SI/TA list this year. It is

the ARE W 30-14 (API 43-043-30185). A similar plan/integrity scenario will have to be followed on this well as we've done with the current SI/TA wells. The four wells that I had questions on are as follows:

Champlin 372 - Tbg pressure went from 0 last year to 1250 psi this year ~~SWAB TESTED 2004~~

ARE W 36-14 - Tbg pressure went from 2200 to 400 psi, csg pressure went -

from 1500 to 0 WE PULLED THE OLD PKR, RAN A TEST PKR, SWABBED TESTED, AND

~~RAN THE ESP (WE HAVE HAD PROBLEMS, BUT WE HAVE ESTABLISHED COMMERCIAL PRODUCTION)~~

ARE W 16-14 - Tbg pressure went from 0 to 1500 psi, csg pressure did stay constant at ~ 850psi which is probably good, although pressure on the backside doesn't make me feel all warm and fuzzy WE HAVE NOT DONE ANYTHING

ARE W 17-16 - Tbg pressure went from 1100 to 0 psi, FL went from 4000' to 8400' opposite of what you would expect hydrostatically based off of

the pressure change ~~SWAB TESTED 2004 (FUTURE ESP INSTALLATION)~~

All in all I don't have a lot of concern for lack of integrity, but if you could provide me with some explanations as to why some of these changes occurred on these 4 wells, I would appreciate it. The good news

is that you are reactivating two of the four wells this year.

Hopefully, this email makes some sense. Give me a call if you like and

we can discuss or respond via email. Thanks.

Dustin

Dustin Doucet
Petroleum Engineer



MERIT ENERGY COMPANY

13727 Noel Road · Suite 500 · Dallas, Texas 75240
Ph 972.701.8377 · Fx 972.960.1252 · www.meritenergy.com

November 10, 2004

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

In a letter dated February 13, 2004, Merit Energy Company informed the DOGM of plans to reactivate twenty-four (24) shut-in wells. Based on this information, on March 5, 2004, the DOGM granted Merit a shut-in extension until January 1, 2005. In April, the engineer working the Anschutz Ranch East (Anschutz) field left Merit. He was replaced by a second engineer that left Merit in August. As a result of this turnover, there has been no continuity at Anschutz. Regretfully, Merit will not have these wells reactivated by January 1, 2005.

I took over as the Operations Engineer at Anschutz in August. On October 6, 2004, I called to discuss this situation with you. You requested that Merit submit a letter stating what work has been completed as well as our future plans.

The largest problem at Anschutz is water. Several wells have loaded up and died as a result of water production. Merit has been investigating several methods to remove the water and reestablish commercial gas production.

“Co-production”

As outlined in the February letter, Merit had plans to attempt “co-production” at Anschutz. “Co-production” is simply utilizing an electric submersible pump (ESP) to remove the water. Our first test candidate was the ARE W36-10. On July 15, 2004, we started the ESP. To date, results have been exceptional. The maximum gas rate that we have seen is 355 mcf/d. This is more than enough to justify the cost of the installation. Average production has been 200 mcf/d and 1200 bwpd.

The only drawback to “co-production” is installing power to location. Without knowing how the well will perform, Merit is hesitant to invest the capital upfront for power installation. Additionally, it took the power company approximately six months to perform the installation.

Although Merit is pleased with the results of “co-production”, we have developed a new plan. We are currently preparing a generator to provide temporary power to location. Future installations will be performed on a temporary basis. If the well proves to be a success, an order for permanent power will be placed with the power company. This allows Merit the flexibility to test several shut-in wells without spending unnecessary capital.

We are currently in the process of preparing the ARE W16-06 for an ESP installation. Additional wells that are currently identified for potential ESP installations are the ARE W30-02, W30-06, W30-13, and W36-14. Merit anticipates having these wells tested during 2005. Further installations will be determined based on the success of the above mentioned wells.

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OFFICE OF OIL, GAS & MINING

Capillary Strings

Merit has also begun utilizing capillary strings to inject soap downhole to assist the well in lifting the produced water. We currently have five (5) capillary strings in service at Anschutz and are planning on installing four (4) more before the end of the year.

Gas Lift

Although gas lift is not new to Anschutz, Merit has been trying to extend its capabilities. Our first hurdle regarding gas lift is obtaining additional lift gas capacity. We currently utilize sales gas for gas lift. Based on our current compression, we are limited to 4 mmcf of lift gas. In addition to increasing our gas lift capability, Merit is exploring the idea of utilizing nitrogen for gas lift.

With that being said, we currently have seventeen wells capable of being gas lifted. Due to our limited lift gas capacity, only six (6) wells are currently being gas lifted.

Additionally, Merit is working with several service companies to explore ways to gas lift from below the packer. There are several wells at Anschutz that have one to two thousand feet of pay. As a result, conventional gas lift may or may not be effective. We have tried one method of gas lifting from below the packer and the results are great. However, this method is not a "cure-all". It will only work on select wells. We will continue to look for wells capable of being lifted in this manner. We are in the process of identifying a candidate to test another method of gas lifting from below the packer. As soon as the well is identified, the installation will be performed.

While Merit is still in the early phase of developing completion techniques to adequately produce the wells at Anschutz, we are making great progress. We have had to think "out-of-the-box" to come up with creative ways to remove the water and increase the gas and are exhausting all resources to improve production and reduce idle wellbores.

I have attached the February 13 letter as well as our current plans for the 24 wells.

If you have any questions or require additional information, please contact me at (972) 628-1550 or electronically at mike.mercer@meritenergy.com.

Sincerely,



Michael L. Mercer
Operations Engineering



MERIT ENERGY COMPANY

13727 Noel Road, Suite 500
Dallas, TX 75240
Ph: 972-701-8377 Fx: 972-960-1252
www.meritenergy.com

Date: February 13, 2004

Subject: Extended Shut-in wells in the Anschutz Ranch East Field

Dear Mr. Doucet:

In response to your letter dated January 22, 2004, I would like to submit the attached supporting documentation regarding our extended shut-in wells. Merit Energy Company purchased an operating interest in the Anschutz Ranch East Unit from BP Production Company effective July 1, 2003, and has spent the last seven months evaluating the production capability of all active and inactive wells in the field. This process has resulted in workovers that have reestablished production in several of these wells, and revealed future opportunities for all of the others. Here is a quick synopsis of our plans for each well.

- **ARE W20-06-** Workover is planned to immediately reactive this well by running smaller tubing, and putting the well on gas lift. Should be reactivated by mid year 2004.
- **ARE W31-04-** BP attempted a directional reentry of this wellbore in 2001, during which time the drill pipe was inadvertently cemented in the horizontal section of the wellbore. Merit is investigating methods to effectively stimulate this wellbore and return it to production. If unable to do so, it will be plugged.
- **ARE W36-10-** This well will be the first test candidate for an experimental production method for artificial lifting gas wells. An electric submersible pump will be run in this well in the next couple of months in an attempt to reestablish production by removing large volumes of water from the formation. If this project is successful it could lead to the reactivation of virtually every inactive well in the field. The project is approved internally, and we are waiting on equipment and supplies before mobilizing a service rig.
- **ARE W36-08-** This well has been reactivated following a workover last fall. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W21-04-** Surface tubing pressure indicates this well may be capable of producing again. However attempts to return this well to production with the current wellbore configuration have not been successful. Merit plans to install smaller tubing and gas lift on this well. If that is unsuccessful, this well is also a candidate for an electric submersible pump installation. If all attempts to reactivate the Nugget formation fail, this well is a recompletion candidate in the Twin Creek formation.
- **Champlin 372 C-1-** This well is capable of producing for a few days at a time, but quickly loads up with water and dies. Again, this well is a candidate for an electric submersible pump installation, or may be used as a salt water disposal well if additional capacity is needed due to the ESP program.
- **ARE W16-06-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W01-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-02-** An attempt was made to return this well to production last fall, but was unsuccessful due to high water production. Pending the success of the W36-10, this well will also have an electric submersible pump installed.
- **ARE W36-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-06-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W20-02-** A workover has been approved internally to reactivate this well, and should begin in the next few weeks. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W30-13-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W19-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.

- **ARE W20-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W31-12-** An attempt was made to reactivate this well in late 2003, but was unsuccessful. A sundry notice was filed and approved by the Utah Oil and Gas Commission. An uphole recompletion in the Twin Creek formation is planned and will be completed in the next few months.
- **ARE W01-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W11-01-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W20-03-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W16-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE W16-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **Champlin 387 B-1A-** Merit Energy is in the process of obtaining records from BP for this well. Once historical information is obtained, we will evaluate all feasible methods to return this well to producing status. Otherwise it will be plugged.
- **ARE W17-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE E21-14-** This well was returned to producing status on 12/19/03.

In addition to this information, I have enclosed pressure data for all wells, and a wellbore schematic for all wells except the Champlin 387 B-1A. The static bottom hole pressures and static fluid levels were collected in September 2003 with bottom hole gauges. If you need any further information, please contact me at 972-628-1651 or electronically at lance.taylor@meritenergy.com.

Regards,


Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

Attachments: (1) page of pressure data, (23) wellbore schematics

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
2	ARE W31-04E	43-043-30165	Fee	1 Year 3 Months
3	ARE W36-10	43-043-30227	Fee	1 Year 3 Months
4	ARE W36-08	43-043-30167	Fee	1 Year 7 Months

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE W21-04	43-043-30135	Fee	1 Year 10 Months
2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	2 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
8	ARE W20-02	43-043-30228	Fee	5 Years 4 Months
9	ARE W30-13	43-043-30279	Fee	5 Years 6 Months
10	ARE W19-16	43-043-30204	Fee	5 Years 8 Months
11	ARE W20-4	43-043-30238	Fee	6 Years 3 Months
12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
16	ARE W16-14	43-043-30096	Fee	8 Years 1 Month
17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months

UTAH DOGM – SI WELL LIST

- **ARE W20-06** – worked over in 2004, selectively swab tested individual zones. Installed gas lift (GL) equipment. Currently intermittently producing when lift gas is available.
- **ARE W31-04** – no immediate plans, will evaluate for reactivation.
- **ARE W36-10** – installed ESP. The well is producing.
- **ARE W36-08** – the well was reactivated in the fall of 2003. A capillary string was installed in September 2004. The well is producing.
- **ARE W21-04** – worked over in 2004. Installed GL equipment. Currently intermittently producing when lift gas is available.
- ✓ **CHAMPLIN 372 C1** – swabbed in October 2004. Swab results were encouraging. There are no production facilities or flowlines in place. We are in the process of purchasing a gas testing unit. Once the unit is in our possession, we will flow test this well and evaluate the economics of installing surface facilities.
- ✓ **ARE W16-06** – swabbed in November 2004. Currently sizing ESP and reconditioning generator for test. Anticipate having ESP running by end of the year.
 - **ARE W01-12** – no immediate plans, will evaluate for reactivation.
 - **ARE W30-02** – plan to install ESP in 2005 for test.
 - **ARE W36-14** – plan to install ESP in 2005 for test.
 - **ARE W30-06** – plan to install ESP in 2005 for test.
 - **ARE W20-02** – worked over in 2004. Installed GL equipment. Currently intermittently producing when lift gas is available.
 - **ARE W30-13** – plan to install ESP in 2005 for test.
 - **ARE W19-16** – no immediate plans, will evaluate for reactivation.
 - **ARE W20-04** – no immediate plans, will evaluate for reactivation.
- ✓ **ARE W31-12** – plan to test the Nugget, if unsuccessful, will attempt a Twin Creek completion.
 - **ARE W01-04** – no immediate plans, will evaluate for reactivation.
 - **ARE W11-01** – no immediate plans, will evaluate for reactivation.
 - **ARE W20-03** – no immediate plans, will evaluate for reactivation.
 - **ARE W16-14** – no immediate plans, will evaluate for reactivation.
 - **ARE W16-12** – no immediate plans, will evaluate for reactivation.
 - **CHAMPLIN 387 B1A** – no immediate plans, will evaluate for reactivation.
 - **ARE W17-16** – no immediate plans, will evaluate for reactivation.
 - **ARE E21-14** – the well was reactivated in December 2003. The well is producing.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 8, 2005

Merit Energy Company
Attn: Michael L. Mercer
13727 Noel Road, Suite 500
Dallas, Texas 75240

Re: Approval for Extension of Shut-in or Temporarily Abandoned Status for Wells on Fee or State Leases

Dear Mr. Mercer:

The Division of Oil, Gas and Mining (the "Division") is in receipt of your letters dated November 10, 2004 (received by the Division on November 12, 2004) and January 7, 2005 (received by the Division on January 10, 2005) in regards to the twenty-four (24) shut-in wells operated by Merit Energy Company ("Merit"). The Division understands that six of these wells were put back into production in 2004. Merit's original plan was to return all twenty-four wells to production in 2004. Because of power restrictions, etc., Merit was unable to achieve that target. It is now the Division's understanding that Merit plans to return seven more wells to production in 2005 by installing an ESP. The Division understands that Merit is also investigating other methods to assist in lifting the water (e.g. capillary strings). Depending on the success of the wells with ESP's installed, the wells currently on Gas Lift, and the success of the other methods, the remaining 11 wells will either be plugged or put into production.

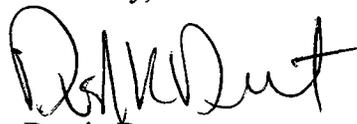
Based on the submitted information and plan of action, the Division approves your request for extended SI/TA for the eighteen (18) remaining SI/TA wells (see attachment A) until January 1, 2006. The operator should continue to monitor the wells by documenting pressures and fluid levels on a periodic basis. Any significant change in pressure or fluid level should be reported to the Division immediately. Remedial action may be necessary.

In addition to the twenty-four wells mentioned above, Merit also has one new well for 2005 that requires approval for extended SI/TA. The well is the ARE W30-14 (API # 43-043-30185). Our records indicate that this well has been SI/TA since February of 2003. Merit must submit their future plans for this well and information that demonstrates the well has integrity and is not a risk to public health and safety or the environment (R649-3-36-1.1 to 1.3).

Page 2
Merit Energy Company
April 8, 2005

The required information should be submitted to the Division within 30 days of the date of this letter or further actions may be initiated. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

A handwritten signature in black ink, appearing to read "Dustin Doucet". The signature is stylized with a large initial "D" and a long horizontal stroke at the end.

Dustin Doucet
Petroleum Engineer

DKD:jc
Attachment
cc: Well File

ATTACHMENT A

N 7E 36

	Well Name	API	Lease Type	Years Inactive
1	ARE W31-04E	43-043-30165	Fee	2 Year 3 Months
2	Champlin 372 Amoco C 1	43-043-30143	Fee	2 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	2 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	3 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	4 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	5Years 5 Months
7	ARE W30-06	43-043-30273	Fee	6 Years 4 Months
8	ARE W30-13	43-043-30279	Fee	6 Years 6 Months
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13	ARE W11-01	43-043-30277	Fee	8 Years 4 Months
14	ARE W20-03	43-043-30291	Fee	9 Years 1 Month
15	ARE W16-14	43-043-30096	Fee	9 Years 1 Month
16	ARE W16-12	43-043-30231	Fee	9 Years 3 Months
17	Champlin 387 B1A	43-043-30168	Fee	9 Years 6 Months
18	ARE W17-16	43-043-30176	Fee	9 Years 7 Months