

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC _____ FILE WATER SANDS _____ LOCATION _____ EXPECTED GAS _____ SUB. REPORT/abd.

12-27-79 Name changed from Howard Creek 8-20 to U8-20

950001 changed to P6W
eff. 1-19-95

* Location change 3-24-80

* Well name change 2-9-83

Oper. chg. from Anschutz Corp. 8/6/85 to Oper. chg. from Amoco Prod. Co. to Amoco Rocmount.

DATE FILED 12-5-79 5-13-83 (UIC application filed)

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

DRILLING APPROVED: 12-5-79 5-31-83 (UIC application approved)

SPUDED IN: 4-10-80

COMPLETED: 3-12-81 P. CW INPUT TO PRODUCING: 3-13-81

INITIAL PRODUCTION: 1,488 BOPD, 7,268 MCF, 336 BWPD

GRAVITY A.P.I. 48 @ 60°

GOR: 5157

PRODUCING ZONES: 13330-48, 13365-72, 13510-20, 13564-74, (11934' to 13496' Injection intervals) 1983/1982

TOTAL DEPTH: 13,703'

WELL ELEVATION: 7,343 KB 7354' GR

DATE ABANDONED:

FIELD: Anchutz Ranch East

UNIT:

COUNTY: Summit

WELL NO. ~~W20-08~~ ARE W20-08

E API 43-043-30123

LOCATION 2202' FT. FROM (N) ~~CR~~ LINE, 1592' FT. FROM (E) ~~CR~~ LINE.

SW NE 7 ¼-¼ SEC. 20

2180' PNL 1085' FEL

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
4N	8E	20	AMOCO - Rocmount PRODUCTION CO.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
TRIPLEX SALT - 10,320	Wahweap	Shinarump	Manning Canyon
GRACE CREEK - 10,447	Masuk	Moenkopi	Mississippian
EDDIS CREEK - 10,844	Colorado	Sinbad	Humbug
WATSON CANYON - 11,007	Sego	PERMIAN	Brazer
BOUNDARY BUTTE - 11,363	Buck Tongue	Kaibab	Pilot Shale
RITCHIE - 11,415	Castlegate	Coconino	Madison
SLIDEROCK - 11,740	Mancos	Cutler	Leadville
CYBIS SPRINGS - 11,817	Upper	Hoskinnini	Redwall
NECOST - 11,930	Middle	DeChelly	DEVONIAN
ANARAH - 13,583	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaito Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	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	Tapcats
CRETACEOUS	Glen Canyon Gr.	Akahl	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TR' IC		



2400 ANACONDA TOWER · 555 SEVENTEENTH STREET · DENVER, COLORADO 80202 · 303-825-6100 · TWX 910-931-2620

November 29, 1979

Mr. Cleon B. Feight
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Howard Creek No. 8-20
SE NE Sec. 20, T4N, R9E
Summit County, Utah

Mr. Feight:

Attached please find submitted in triplicate, our application for permit to drill for the referenced location. Survey plats will be sent under a separate cover. Please feel free to contact me should you have any questions.

Sincerely yours,

Peter B. Doty
Operation Coordinator

PBD:amc

Enclosures

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

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Howard Creek

9. Well No.

8-20

10. Field and Pool, or Wildcat

Wildcat

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

Sec. 20 T4N, R8E

12. County or Parrish 13. State
Summit Co., Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL DEEPEN PLUG BACK

b. Type of Well

Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator

The Anschutz Corporation

3. Address of Operator

555 17th Street Suite 2400 Denver, Colorado 80202

4. Location of Well (Report location clearly and accurately according to any State requirements.)*

At surface ~~2202' FNL~~ ~~1592' FEL~~ ~~660' FEL & 1980' FNL~~ ~~CSENE~~ SW NE

At proposed prod. zone

Same

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

Approximately 16 miles SW of Evanston, Wyoming

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

660

16. No. of acres in lease

640

17. No. of acres assigned to this well

80

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

1320

19. Proposed depth

10,600 Nugget

20. Rotary or cable tools

Rotary

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

7335' Gr

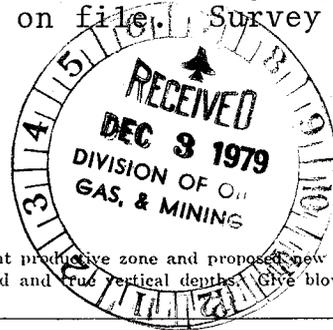
22. Approx. date work will start*

1-15-80

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26	20	3/8" wall	50	to surface
17 1/2	13 3/8	54.5#	2000	to surface
12 1/4	9 5/8	40-53.5	8500	1000 sx
8 1/2	5 1/2 liner 17		8100-TD	250 sx

This well will be drilled to a total depth of approximately 10,600 ft. to test the Nugget formation. Mud and BOP programs will be those generally used in the area. Electric logs will be run to T.D. No cores are anticipated at this time. Drill Stem Tests will be run as warranted. If production intervals are encountered casing or a liner will be run through them and selectively perforated. Frac'ing and/or acidizing may be required to stimulate production. Blanket Bond is on file. Survey plats will be mailed under separate cover.



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 Peter B. Doty

Title Operations Coordinator

Date 11-29-79

(This space for Federal or State office use)

Permit No. 43-043-30123

Approval Date December 5, 1979

Approved by.....

Title.....

Date.....

Conditions of approval, if any:

** FILE NOTATIONS **

DATE: Dec 3, 1979

Operator: The Anschutz Corporation

Well No: Howard Creek #18-20 ANSCHUTZ RANCH EAST U8-20

Location: Sec. 20 T. 4N R. 8E County: Summit

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-043-30123

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 183-2 Pending

O.K. Rule C-3

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

Lease Designation See

Plotted on Map

Approval Letter Written
WLM

#1 plus plat

NO
PI

December 5, 1989

The Anschutz Corporation
555 17th Street, Suite 2400
Denver, Colorado 80202

Re: Well No. Howard Creek #1-20, Sec. 20, T. 4N, R. 8E., Summit County, Utah
Well No. Howard Creek #8-20, Sec. 20, T. 4N, R. 8E., Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, said approval shall be conditional upon a surveyor's plat being furnished this office in accordance with Rule C-4(c).

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

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-8001

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

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

The API number assigned to these wells are #1-20 - 43-043-30122;
#8-20 - 43-043-30123.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Mikhael T. Minder
Geological Engineer

/btm

cc

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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 GAS WELL OTHER

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
555 17th Street Suite 2400 Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
~~660' FEL & 1980' FNL~~
2202' FNL 1592' FEL SW NE

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7335' Gr.

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
(U 8-20)

10. FIELD AND POOL, OR WILDCAT
~~Wildcat~~ Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T4N, R8E

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Name Change</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.)*

Please note the Name Change for the well. From Howard Creek No. 8-20 to the Anschutz Ranch East No. U8-20 Sec. 20, T4N, R8E

RECEIVED

DEC 31 1979

DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Peter B. Boty TITLE Operations Coordinator DATE 12-27-79
(This space for Federal or State office use)

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

*See Instructions on Reverse Side



2400 ANACONDA TOWER
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-825-6100
TWX 910-931-2620

March 18, 1980

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

RE: ANSCHUTZ RANCH EAST No 8-20U
NE $\frac{1}{4}$ Section 20 T4N R8E
Summit County, Utah

Dear Mr. Feight,

Enclosed please find the survey plats for the above referenced location. Please note that this well has been located on the surface projecting a bottom hole location to be in accordance with Utah Cause No. 183-2. I am sorry for the delay in getting this data to you.

Sincerely,



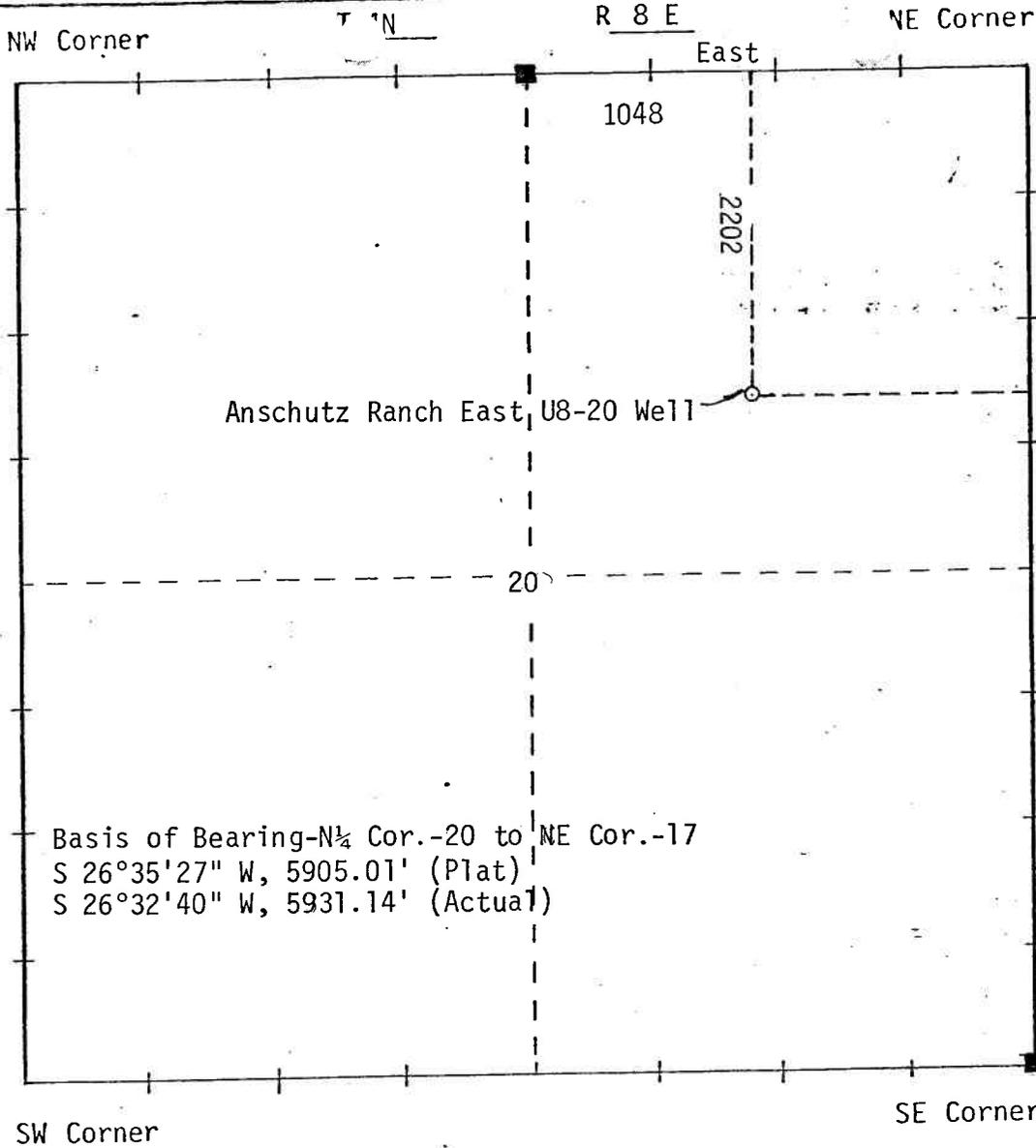
Peter B. Doty
Operations Coordinator

PBD/rtz

RECEIVED

MAR 20 1980

DIVISION OF
OIL, GAS & MINING



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 Pete Doty of Denver, Colorado for The Anschutz Corporation I made a survey on the 8th day of March, 1980 for Location and Elevation of the Anschutz Ranch East U8-20 Well as shown on the above map, the wellsite is in the NE 1/4 of Section 20, Township 4 N, Range 8 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7369 Feet top of hub Datum U.S.G.S. Quadrangle - Porcupine Ridge, Utah-Wyoming Spot Elev. 7504 SW 1/4 SE 1/4, Sec. 23, T13N, R121W, 6th P.M., Uinta County, Wyoming

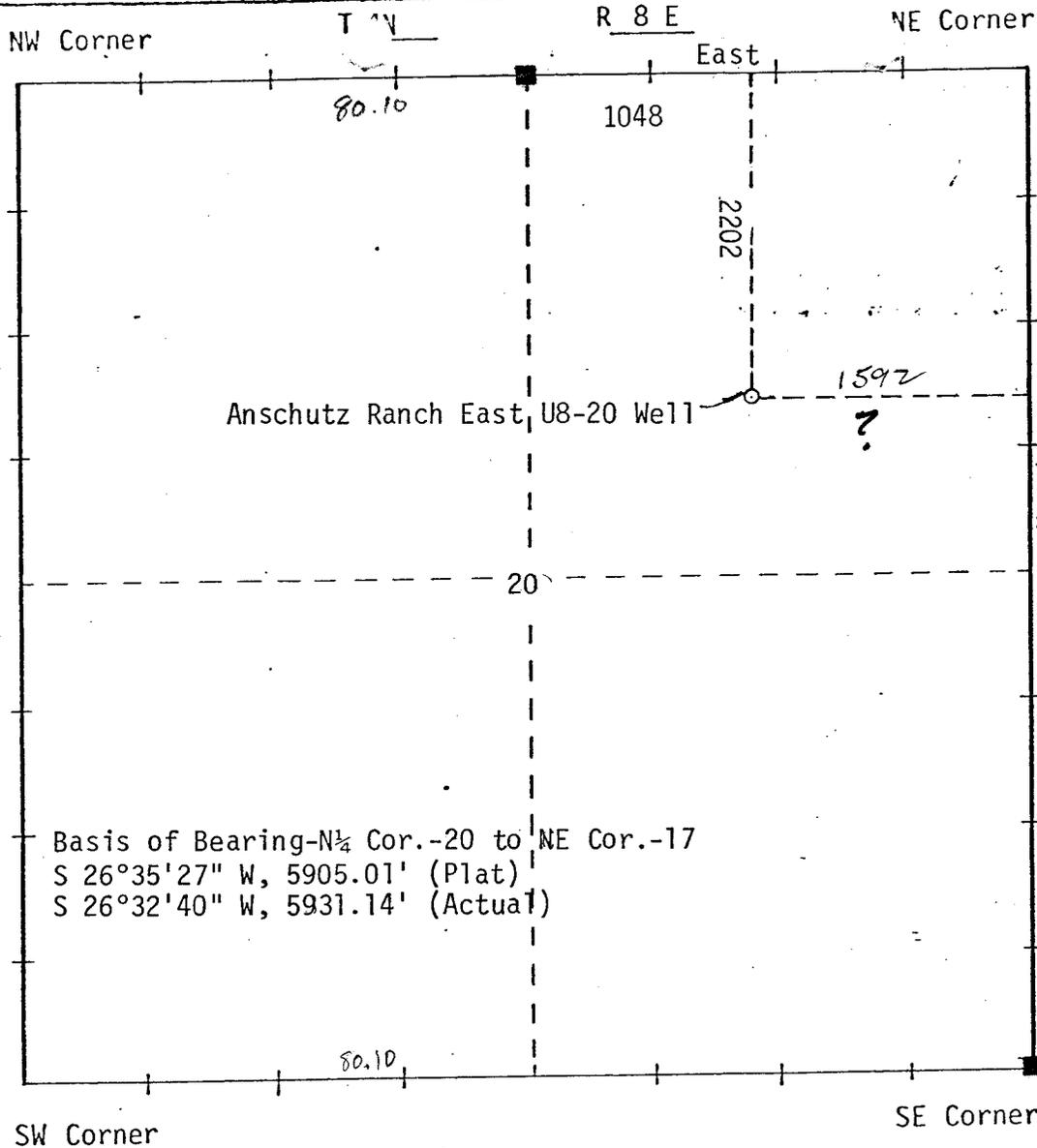
Reference point _____
 Reference point _____
 Reference point _____
 Reference point _____

REC-71
MAR 20 1980

DIVISION OF OIL, GAS & MINING John A. Proffit
 JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: 3-7-80
 JOB NO.: 80-20-4

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



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Pete Doty of Denver, Colorado for The Anschutz Corporation I made a survey on the 8th day of March, 1980 for Location and Elevation of the Anschutz Ranch East U8-20 Well as shown on the above map, the wellsite is in the NE $\frac{1}{4}$ of Section 20, Township 4 N, Range 8 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7369 Feet top of hub Datum U.S.G.S. Quadrangle - Porcupine Ridge, Utah-Wyoming Spot Elev. 7504 SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 23, T13N, R121W, 6th P.M., Uinta County, Wyoming

Reference point _____

Reference point _____

Reference point _____

Reference point _____

RECEIVED

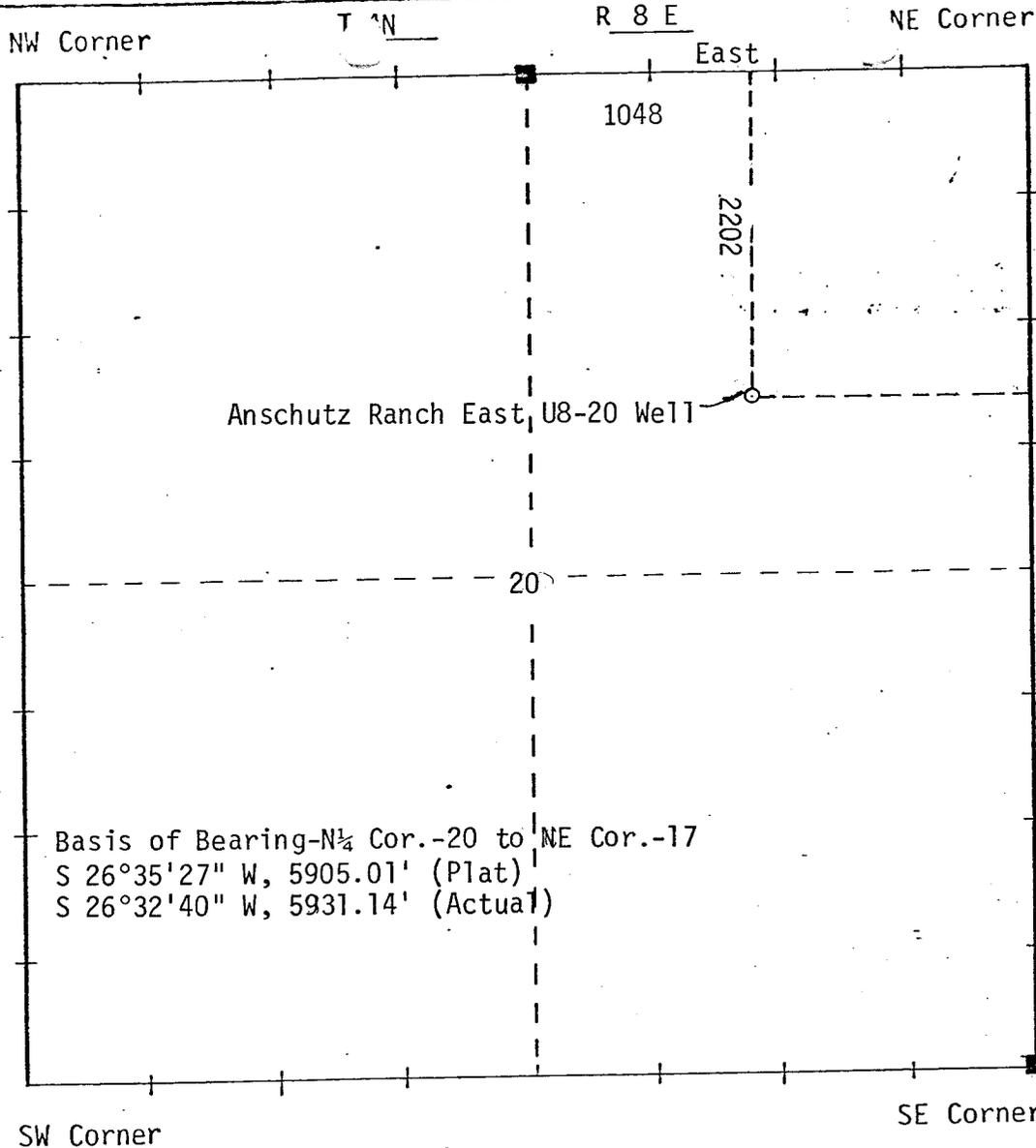
MAR 20 1980

DIVISION OF
OIL, GAS & MINING

John A. Proffit
JOHN A. PROFFIT U.M. R.L.S. NO. 2860

DATE: 3-7-80
JOB NO.: 80-20-4

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



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Pete Doty of Denver, Colorado for The Anschutz Corporation I made a survey on the 8th day of March, 1980 for Location and Elevation of the Anschutz Ranch East U8-20 Well as shown on the above map, the wellsite is in the NE 1/4 of Section 20, Township 4 N, Range 8 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7369 Feet top of hub Datum U.S.G.S. Quadrangle - Porcupine Ridge, Utah-Wyoming Spot Elev. 7504 SW 1/4 SE 1/4, Sec. 23, T13N, R121W, 6th P.M., Uinta County, Wyoming

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

RECEIVED
 MAR 20 1980

DIVISION OF OIL, GAS & MINING John A. Proffit
 JOHN A. PROFFIT UTM R.L.S. NO. 2860

DATE: 3-7-80
 JOB NO.: 80-20-4

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

M.



2400 ANACONDA TOWER · 555 SEVENTEENTH STREET · DENVER, COLORADO 80202 · 303-825-6100 · TWX 910-931-2620

March 17, 1980

Mr. Cleon B. Feight
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah

LOCATION CHANGE

Re: API #43-043-30123
Anschutz Ranch East #U8-20
NE/4 S20-T4N-R8E
Summit, Utah

Dear Mr. Feight,

Thank you for calling to our attention the omission on the Sundry Notice of March 5, 1980. Please disregard that notice completely and accept the enclosed for processing.

We hope that this has caused you no inconvenience; if we may be of any assistance please let us know.

Sincerely yours,


Jim Bundy
Drilling Manager

JDB/mg
encl: 3

RECEIVED
MAR 24 1980
DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR The Anschutz Corporation</p> <p>3. ADDRESS OF OPERATOR 555 17th. St. Suite 2400 Denver, Colo. 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2202' FNL & 1592' FEL</u> NE 1/4 Sec. 20 T4N R8E <u>1757' FNL, 1173' East of N 1/4 Corner</u> <u>(± 4467' W.E.L. - corner not established)</u></p> <p>14. PERMIT NO. API#43-043-30123</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. F E E</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. U 8-20</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S20-T4N-R8E</p> <p>12. COUNTY OR PARISH Summit</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7335 Gr</p>	

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

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

*** NEW LOCATION: 2202' FNL & 1592' FEL, SW NE**

Please note the above change in surface location for this proposed location to comply with recent spacing requirements. Also the proposed total depth has changed from 13,600 to a new total depth of 15,000 to test the subthrust. Casing program follows:

Size Hole	Casing	#/FT	New or S.H.	Depth Set	Cement
17 1/2	13 3/8	61	New	2000	Circ to Surf
12 1/4	9 5/8/9 7/8	47/62.8	New	11,000	1000 sx
8 1/2	5 1/2 Liner	17	New	TD	500 sx

The mud and BOP programs will be those generally used in the area. No coring is anticipated at this time. No other changes are anticipated at this time.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING as stated in letter
DATE: 3/31/80
BY: W.J. Minder

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

SIGNED Jim Bundy TITLE Drilling Manager

RECEIVED

MAR 24 1980

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

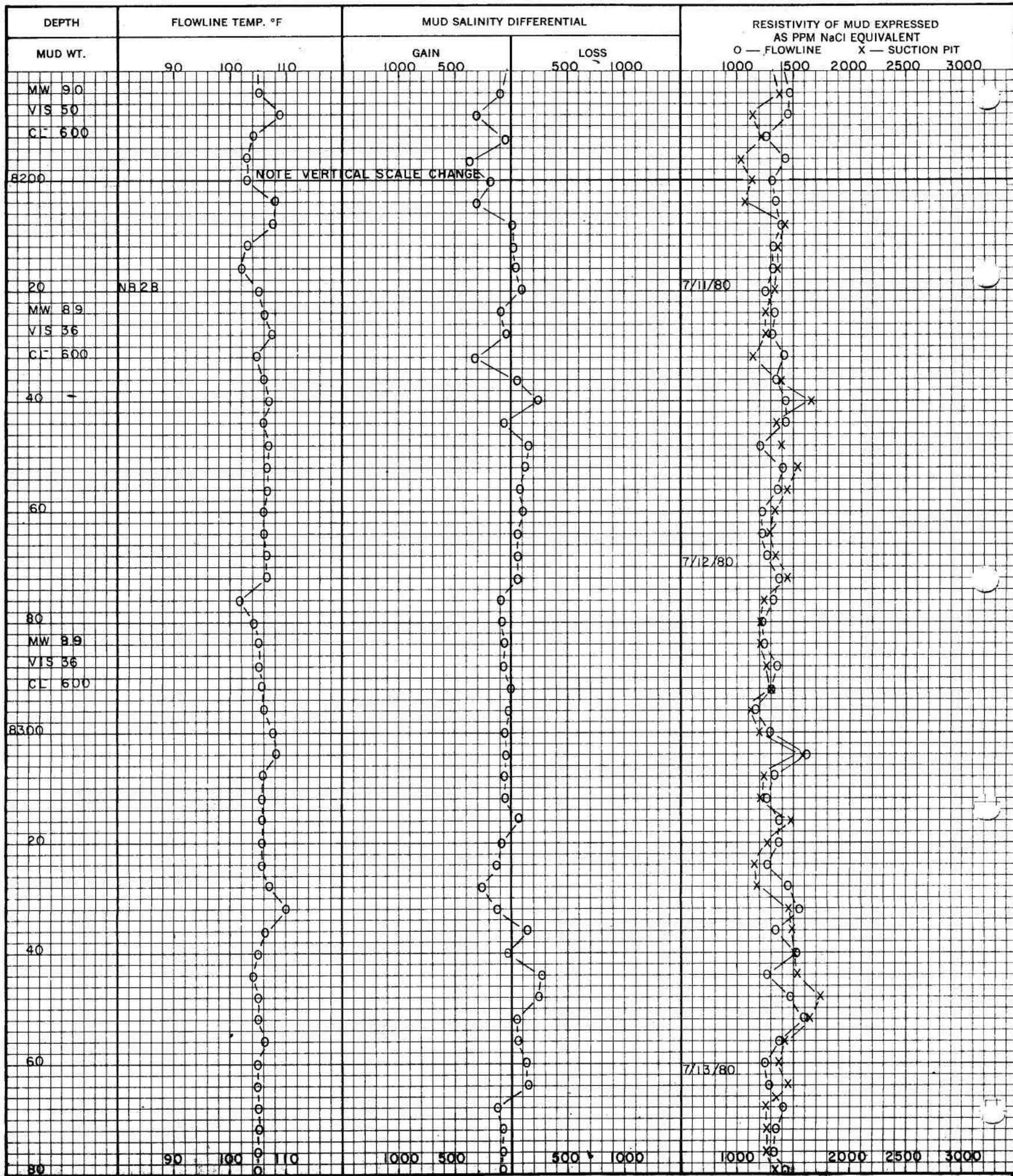
Well must be drill in such a manner as to be in harmony with order # 183-2
*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

DELTA CHLORIDE LOG

COMPANY THE ANSCHUTZ CORPORATION
 WELL 8-20U ANSCHUTZ RANCH EAST
 LOCATION SE NE SEC 20 T4N R8E
 STATE UTAH DATE JULY, 1980
 JOB NO. 77328 UNIT MANAGER JOHN GOODMAN

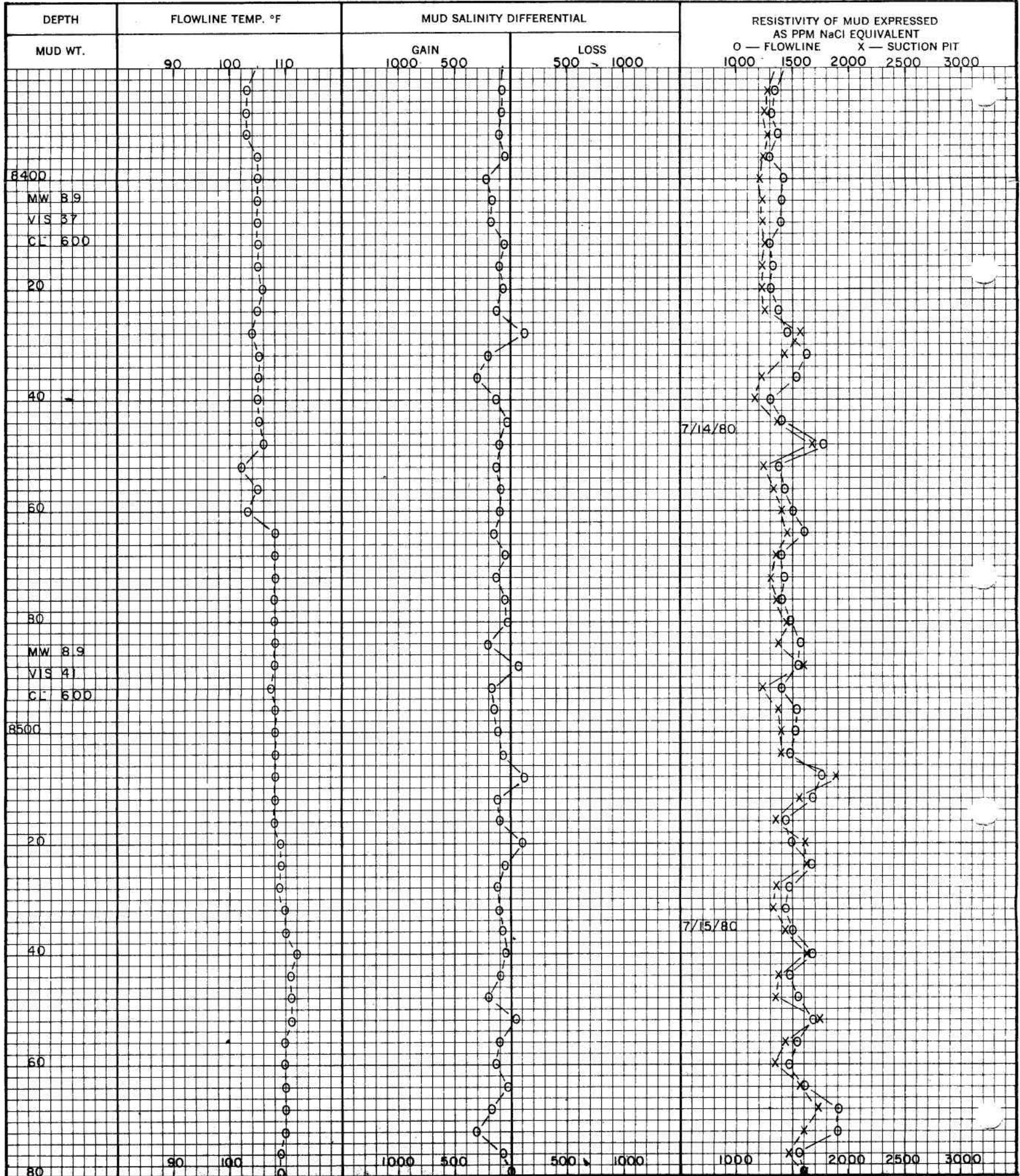
The Analysts
WELL LOGGING



DELTA CHLORIDE LOG

COMPANY THE ANSCHUTZ CORPORATION
 WELL 8-20U ANSCHUTZ RANCH EAST
 LOCATION SE NE SEC 20 T4N R8E
 STATE UTAH DATE JULY, 1980
 JOB NO. 77328 UNIT MANAGER JOHN GOODMAN

The Analysts
WELL LOGGING



April 1, 1980

The Anschutz Corporation
555 17th Street, Suite 2400
Denver, Colorado 80202

Re: Well No. Howard Creek #U8-20
Sec. 20, T. 4N, R. 8E.,
Summit County, Utah

Dear Mr. Doty:

Pursuant to our telephone conversation concerning the above referenced well on March 31, 1980, I am writing this letter to clarify the confusion over the stated new surface location which is 2202' FNL and 1592' FEL of Section 20, Township 4 North, Range 8 East, Summit County, Utah.

Your revised casing program is acceptable, and although the new surface location is permitted, it is conditional upon the well being completed within the area specified under the order issued in Chuse #183-2; it must be in harmony with this order.

If you have any questions, please do not hesitate to contact me.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

MTM/btm

cc

September 19, 1980

The Anschutz Corporation
555 17th Street
Suite 2400
Denver, Colorado 80202

RE: Well No. Anschutz Ranch East
U 8-20
Sec. 20, T. 4N, R. 8E.,
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion ~~or~~ Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



BARBARA HILL
CLERK TYPIST

bjh/
Enclosures: Forms

September 24, 1980

Anschutz Corporation
555 17th Street
Suite 2400
Denver, Colorado 80202

RE: Well No. Anschutz Ranch East U 8-20, Sec 20, T 4N, R 8E, Summit County.,
RE: Well No. Anschutz Ranch 34-2, Sec 34, T 4N, R 7E, Summit County.,
(April thru August 1980)

Gentlemen:

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. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

BARBARA HILL
CLERK TYPIST

/bjh

Enclosures: Forms

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR The Anschutz Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2400 Anaconda Tower 555 17th. St. Denver, Colo. 80202		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 Summit County, Utah 1592' FEL & 2202' FNL		8. FARM OR LEASE NAME Howard Creek
14. PERMIT NO. API# 43-043-30123		9. WELL NO. AR Ea. 8-20U
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7335' Gr		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T4N, R8E
		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) <u>Monthly report of well</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.)*

Spud: 4/10/80
ETD: 16,000'
Formation objective: Subthrust

To date:
Drilled to 11,797'. Now in Twin Creek...Top: 10,495' (Limestone). Ran 9 5/8" csg.

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

SIGNED <u>James D. Bundy</u>	TITLE <u>Drilling Manager</u>	DATE <u>10/27/80</u>
(This space for Federal or State office use)		

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR The Anschutz Corp.</p> <p>3. ADDRESS OF OPERATOR 2400 Anaconda Tower, 555 17th. St., Denver, Colo. 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Summit County, Utah 1592' FEL & 2202' FNL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. FEE</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Howard Creek</p> <p>9. WELL NO. AR Ea. 8-20U</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T4N, R8E</p>
<p>14. PERMIT NO. API# 43-043-30123</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7335' Gr.</p>	<p>12. COUNTY OR PARISH Summit</p> <p>18. STATE Utah</p>

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

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

Spud: 4/10/80
ETD: 16,000'
Fm: Subthrust

JAN 29 1981

DIVISION OF
OIL, GAS & MINING

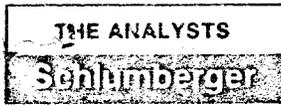
10/28/80 Ø
Work stuck pipe @12629'
11/1/80 Kick @12629'. Shut in with 950 psi SICP. Circulated out gas kicks after killing well. Weighted up mud.
11/4/80 Fishing (stuck pipe @12629')
11/12/80 Plug back. Set 300 sx kickoff plug @11730'. TOC (plug #1) @11646' Plug #2 w/1500 sx @10928'
11/18/80 Drilling sidetrack hole w/Dynadrill & 2° sub.
11/28/80 Logging. DIL-GR, FDC-CNL, SONIC, FIL, DIPMETER
12/17/80 Top of Ankarah @13528'
12/20/80 Logging: Sonic, DDL
12/23/80 Set liner 5½" 20# N-80 @9423'-13678', cmt w/750 sx pozmix. Plug down 1430 Hrs. 12/23/80 w/1200 psi. Survey tagged @9420', 7' above liner top.
12/26/80 13,700' TD. Rig released 6PM 12/25/80
Final Report.

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

SIGNED Maggie Grigsby TITLE Drilling Tech. Assistant DATE 1/27/81
Maggie Grigsby

(This space for Federal or State office use)

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



6915 WEST YELLOWSTONE HIGHWAY
CASPER, WYOMING 82601
(307) 266-2422
TELEX NO. 318-027

*T. 4N R. 8E
Sec. 20*

February 2nd, 1981

The Anschutz Corporation,
555 17th St., Suite 2400,
Denver, Colorado 80202

Attn: Mr. George Schlick

Gentlemen:

Please find enclosed a heading for the redrilled
portion of your 8-20U Anschutz Ranch East well, Summit
County, Utah.

Respectively,

Larry Shields
Larry T. Shields
DISTRICT MANAGER

LTS/rb
Encl.

RECEIVED

FEB 4 1981

DIVISION OF
OIL, GAS & MINING



SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

Fee

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

8-20U

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 20 T4N R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Gas & Condensate

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

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
2400 - 555 - 17th Street Denver, Colorado 80202

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

At surface 2202' FNL & 1592' FEL SENE

At top prod. interval reported below

At total depth 2186' FNL & 1025' FEL

14. PERMIT NO. 43-043-30123 | DATE ISSUED Dec. 5, 1979

15. DATE SPUDDED 4-10-80 | 16. DATE T.D. REACHED 12-19-80 | 17. DATE COMPL. (Ready to prod.) Mar. 12, 1981 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 7343 GL 7354 | 19. ELEV. CASINGHEAD 7354

20. TOTAL DEPTH, MD & TVD 13,703 MD | 21. PLUG, BACK T.D., MD & TVD 13,642 MD | 22. IF MULTIPLE COMPL., HOW MANY* 2 one Producing | 23. INTERVALS DRILLED BY Rotary Tools: Surf. to TD | Cable Tools: none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Nugget 13050-76, 13092-102, 13110-20, 13138-46, 13234-41, 13244-50, 13257-62, 13275-82, 13330-48, 13365-72, 13510-20, 13564-74.

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR, DII, FDC, CNI, HDT, FIL, BHCS, VDI, CBL, mul

27. WAS WELL CORED No

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	2,250KB	17 1/2	1836 SX	-0-
9 5/8	36	10,658	12 1/4	500 SX	-0-

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2	9423	13642	750	NA	2 7/8	13,018	12,880

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
As noted in # 24 above 2 SPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
APR 2 1981 <td>13510-74</td> <td>3000 Gal 7 1/2 % HCL</td>		13510-74	3000 Gal 7 1/2 % HCL
		13330-72	3000 Gal 7 1/2 % HCL
		13050-146	3000 Gal 7 1/2 % HCL
		see attached	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
March 13, 1981		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Mar. 19, 81	24	30/64	→	1501	7740	63	5157
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2000	---	→	1,488	7,268	336	48° @ 60°F.	

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

TEST WITNESSED BY
T. Heidrich

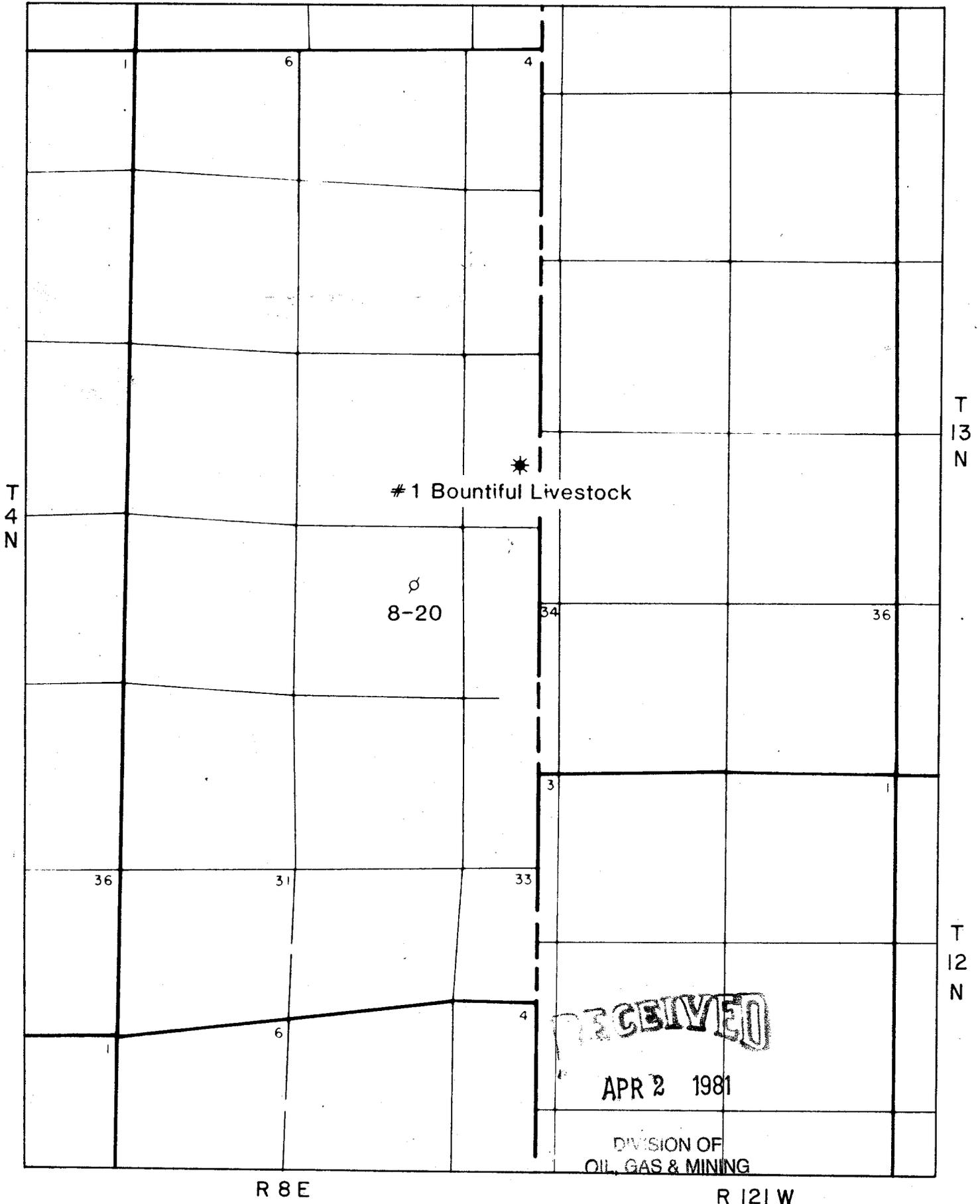
35. LIST OF ATTACHMENTS

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

SIGNED David J. Kingston TITLE Division Prod. Engineer DATE Mar 23, 1981

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

ANCHUTZ RANCH EAST FIELD
Summit County, Utah



April 3, 1981

The Anschutz Corporation
2400 Anaconda Tower, 17th, Street
Denver, Colorado 80202

Re: Well ~~1430~~. AR Ed. 8-20U
Sec. 20, T. 14N. R. 8E.
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST



RECEIVED
APR 8 1981

SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

April 3, 1981

The Anschutz Corporation
2400 Anaconda Tower, 17th, Street
Denver, Colorado 80202

Re: Well No. AR Ea. 8-20U
Sec. 20, T. 14N. R. 8E.
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

SANDY BATES
CLERK-TYPIST



2400 ANACONDA TOWER
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-825-6100
TWX 910-931-2620

April 27, 1981

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

Re: Your letter dated April 3, 1981
Our well No. AR east 8-20U

Gentlemen:

In reference to your letter dated April 3, 1981, where you reference our well No. Anschutz Ranch East 8-20U, and that we have not sent our Well completion report to you. I am enclosing copies again, that were sent to your office on or a few days after March 23, 1981. We hope this will complete your requirements for the well.

Thank you for your cooperation. If there is anything else needed for the well please advise.

Very truly yours,

Arlene M. Creger
Production Analyst

AMC:amc

Enclosures

RECEIVED

APR 22 1981

DIVISION OF
OIL, GAS & MINING

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

SUBV N TRIPLICATE*
(O) 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.)		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR The Anschutz Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 555 17th St., Suite 2400, Denver, CO 80202		8. FARM OR LEASE 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 1592' FEL and 2202' FNL		9. WELL NO. 8-20U
14. PERMIT NO. 43-043-30123		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7335' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T4N, R8E
		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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

As outlined below, we propose to start well operations on or about September 20, 1982. Zones to be tested are in Jurassic Nugget formation.

MIRU service unit. Test BOP stack to 5000#. Run in hole w/retainer and squeeze perms. 11952'-959' and 11974'-985'.
Clean out well to 12950'. Run CBL and CET logs.
Perforate and test following intervals:
A. 12742-782', 12696-708', 12646-680', 12613-622'.
B. 12530-588', 12486-504', and 12400-460'.
C. 12342-358', 12266-310', 12206-232', 12164-180'.
D. 12130-140', 12076-106', 12023-052', 11954-998'.
After testing program, tie back 5 1/2" liner w/ 7" csg. string.
Run 3 1/2" production tubing.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/17/82
BY: [Signature]

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

SIGNED David Hobler TITLE Drlg/Prod. Engineer DATE 9-17-82

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

POW



4N8E20

**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED
OCT 12 1982

DIVISION OF
OIL, GAS & MINING

ANSCHUTZ CORPORATION
COMPANY

A.R.E. NO. 8-20
WELL NAME

SUMMIT COUNTY, UTAH
LOCATION

JOB NUMBER
RM982-G1054

TYPE OF SURVEY
GYROSCOPIC MULTI-SHOT

DATE
9-27-82

SURVEY BY
STEVEN STURGEN

OFFICE
410

ANSCHUTZ CORPORATION
WELL NAME: A.R.E. NO.8-20
LOCATION: SUMMIT COUNTY, UTAH
FILE NO.: A2-027, FL2-07
RUN DATE: 27 SEPTEMBER 1982
JOB NO.: RM982-G1054

SURVEY FILE

TYPE: GYROSCOPIC MULTI-SHOT
SURVEYOR: STEVE STURGEN, JOHN BECKNER
DECLINATION: 15 EAST
COMPUTER OPERATOR: STEVE THURSTON



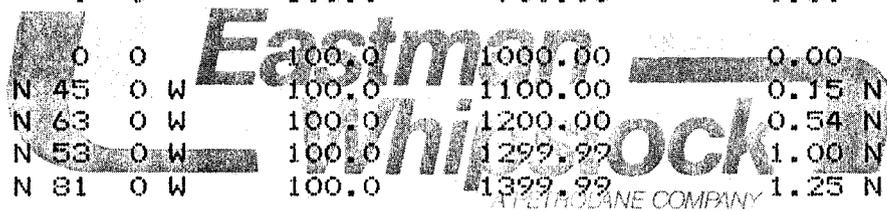
RADIUS OF CURVATURE METHOD

NSCHUTZ CORPORATION
 WELL NAME: A.R.E. NO.8-20
 LOCATION: SUMMIT COUNTY, UTAH

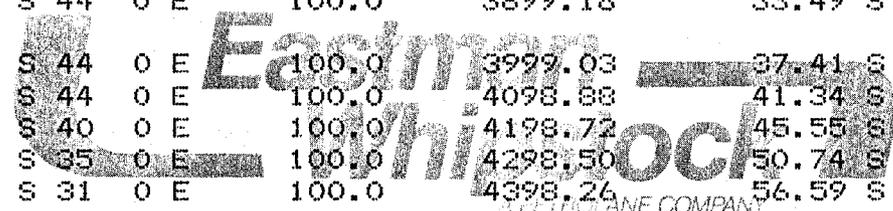
SURVEY FILE

COMPUTATION PAGE NO. 1
 TIME DATE
 16:03:10 29-SEP-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE	RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	COORDINATES FEET		
0.00	0 0	0 0	0.0	0.00	0.00	0.00	0.00
100.00	0 0	0 0	100.0	100.00	0.00	0.00	0.00
200.00	0 0	0 0	100.0	200.00	0.00	0.00	0.00
300.00	0 0	0 0	100.0	300.00	0.00	0.00	0.00
400.00	0 0	0 0	100.0	400.00	0.00	0.00	0.00
500.00	0 0	0 0	100.0	500.00	0.00	0.00	0.00
600.00	0 0	0 0	100.0	600.00	0.00	0.00	0.00
700.00	0 0	0 0	100.0	700.00	0.00	0.00	0.00
800.00	0 0	0 0	100.0	800.00	0.00	0.00	0.00
900.00	0 0	0 0	100.0	900.00	0.00	0.00	0.00
1000.00	0 0	0 0	100.0	1000.00	0.00	0.00	0.00
1100.00	0 15	N 45 0 W	100.0	1100.00	0.15 N	0.15 W	0.25
1200.00	0 30	N 63 0 W	100.0	1200.00	0.54 N	0.68 W	0.27
1300.00	0 30	N 53 0 W	100.0	1299.99	1.00 N	1.42 W	0.09
1400.00	0 15	N 81 0 W	100.0	1399.99	1.25 N	2.02 W	0.30
1510.00	0 0	0 0	110.0	1509.99	1.29 N	2.25 W	0.23
1600.00	0 0	0 0	90.0	1599.99	1.29 N	2.25 W	0.00
1700.00	0 0	0 0	100.0	1699.99	1.29 N	2.25 W	0.00
1800.00	0 0	0 0	100.0	1799.99	1.29 N	2.25 W	0.00
1900.00	0 0	0 0	100.0	1899.99	1.29 N	2.25 W	0.00
2000.00	0 0	0 0	100.0	1999.99	1.29 N	2.25 W	0.00
2100.00	0 15	S 42 0 W	100.0	2099.99	1.13 N	2.40 W	0.25
2200.00	0 30	S 61 0 W	100.0	2199.99	0.72 N	2.91 W	0.28
2300.00	1 0	S 59 0 W	100.0	2299.98	0.07 N	4.04 W	0.50
2400.00	1 0	S 59 0 W	100.0	2399.96	0.83 S	5.54 W	0.00
2500.00	0 45	S 55 0 W	100.0	2499.95	1.66 S	6.82 W	0.26
2600.00	0 30	S 51 0 W	100.0	2599.95	2.32 S	7.69 W	0.25
2700.00	1 0	S 52 0 W	100.0	2699.94	3.13 S	8.71 W	0.50
2800.00	0 45	S 30 0 W	100.0	2799.93	4.28 S	9.71 W	0.41
2900.00	0 45	S 10 0 W	100.0	2899.92	5.50 S	10.15 W	0.26



MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
3000.00	1 0	S 16 0 E	100.0	2999.91	7.01 S 10.07 W	0.46
3100.00	1 0	S 20 0 E	100.0	3099.89	8.67 S 9.53 W	0.07
3200.00	1 30	S 37 0 E	100.0	3199.87	10.58 S 8.50 W	0.62
3300.00	2 0	S 37 0 E	100.0	3299.82	13.02 S 6.66 W	0.50
3400.00	2 0	S 39 0 E	100.0	3399.76	15.77 S 4.51 W	0.07
3500.00	2 45	S 42 0 E	100.0	3499.67	18.92 S 1.82 W	0.76
3600.00	2 30	S 43 0 E	100.0	3599.57	22.30 S 1.28 E	0.25
3700.00	3 0	S 42 0 E	100.0	3699.45	25.84 S 4.52 E	0.50
3800.00	3 0	S 43 0 E	100.0	3799.31	29.69 S 8.05 E	0.05
3900.00	3 0	S 44 0 E	100.0	3899.18	33.49 S 11.66 E	0.05
4000.00	3 15	S 44 0 E	100.0	3999.03	37.41 S 15.44 E	0.25
4100.00	3 0	S 44 0 E	100.0	4098.88	41.34 S 19.23 E	0.25
4200.00	3 30	S 40 0 E	100.0	4198.72	45.55 S 23.02 E	0.55
4300.00	4 0	S 35 0 E	100.0	4298.50	50.74 S 27.01 E	0.60
4400.00	4 0	S 31 0 E	100.0	4398.26	56.59 S 30.80 E	0.28
4500.00	4 30	S 26 0 E	100.0	4497.99	63.10 S 34.34 E	0.62
4600.00	5 0	S 26 0 E	100.0	4597.64	70.54 S 37.97 E	0.50
4700.00	6 0	S 27 0 E	100.0	4697.18	79.12 S 42.24 E	1.00
4800.00	5 30	S 26 0 E	100.0	4796.68	88.03 S 46.72 E	0.51
4900.00	5 0	S 26 0 E	100.0	4896.26	96.31 S 50.73 E	0.50
5000.00	4 30	S 30 0 E	100.0	4995.91	103.61 S 54.61 E	0.60
5100.00	3 30	S 31 0 E	100.0	5095.67	109.63 S 58.15 E	1.00
5200.00	3 30	S 30 0 E	100.0	5195.48	114.89 S 61.25 E	0.06
5300.00	3 0	S 30 0 E	100.0	5295.32	119.80 S 64.09 E	0.50
5400.00	3 0	S 29 0 E	100.0	5395.18	124.35 S 66.66 E	0.05
5500.00	2 15	S 30 0 E	100.0	5495.08	128.34 S 68.92 E	0.75
5600.00	2 0	S 32 0 E	100.0	5595.01	131.51 S 70.83 E	0.26
5700.00	2 0	S 36 0 E	100.0	5694.95	134.41 S 72.78 E	0.14
5800.00	2 0	S 40 0 E	100.0	5794.89	137.16 S 74.93 E	0.14
5900.00	2 0	S 42 0 E	100.0	5894.83	139.79 S 77.22 E	0.07



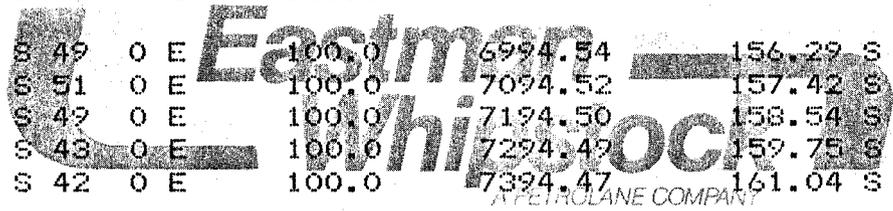
NSCHUTZ CORPORATION
 WELL NAME: A.R.E. NO.8-20
 LOCATION: SUMMIT COUNTY, UTAH

SURVEY FILE

COMPUTATION

TIME DATE
 16:03:10 29-SEP-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE	RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	COORDINATES FEET		
6000.00	2 0	S 49 0 E	100.0	5994.77	142.23 S	79.70 E	0.24
6100.00	1 30	S 46 0 E	100.0	6094.72	144.30 S	81.96 E	0.51
6200.00	1 30	S 48 0 E	100.0	6194.68	146.08 S	83.87 E	0.05
6300.00	1 30	S 51 0 E	100.0	6294.65	147.78 S	85.86 E	0.08
6400.00	1 0	S 52 0 E	100.0	6394.63	149.14 S	87.57 E	0.50
6500.00	1 0	S 52 0 E	100.0	6494.61	150.22 S	88.94 E	0.00
6600.00	1 0	S 52 0 E	100.0	6594.60	151.29 S	90.32 E	0.00
6700.00	1 0	S 42 0 E	100.0	6694.58	152.48 S	91.59 E	0.17
6800.00	1 0	S 41 0 E	100.0	6794.57	153.79 S	92.75 E	0.02
6900.00	1 0	S 43 0 E	100.0	6894.55	155.08 S	93.92 E	0.03
7000.00	1 0	S 49 0 E	100.0	6994.54	156.29 S	95.17 E	0.10
7100.00	1 0	S 51 0 E	100.0	7094.52	157.42 S	96.51 E	0.03
7200.00	1 0	S 49 0 E	100.0	7194.50	158.54 S	97.85 E	0.03
7300.00	1 0	S 48 0 E	100.0	7294.49	159.75 S	99.10 E	0.10
7400.00	1 0	S 42 0 E	100.0	7394.47	161.04 S	100.28 E	0.02
7500.00	1 0	S 35 0 E	100.0	7494.46	162.40 S	101.37 E	0.12
7600.00	1 0	S 36 0 E	100.0	7594.44	163.82 S	102.38 E	0.02
7700.00	1 0	S 35 0 E	100.0	7694.43	165.24 S	103.39 E	0.02
7800.00	1 0	S 23 0 E	100.0	7794.41	166.77 S	104.24 E	0.21
7900.00	1 0	S 27 0 E	100.0	7894.40	168.35 S	104.98 E	0.07
8000.00	1 0	S 28 0 E	100.0	7994.38	169.90 S	105.78 E	0.02
8100.00	1 0	S 23 0 E	100.0	8094.37	171.47 S	106.53 E	0.09
8200.00	1 0	S 41 0 E	100.0	8194.35	172.95 S	107.45 E	0.31
8300.00	1 0	S 42 0 E	100.0	8294.34	174.25 S	108.61 E	0.02
8400.00	1 0	S 40 0 E	100.0	8394.32	175.57 S	109.75 E	0.03
8500.00	1 0	S 38 0 E	100.0	8494.31	176.93 S	110.85 E	0.03
8600.00	1 45	S 45 0 E	100.0	8594.28	178.72 S	112.44 E	0.77
8700.00	2 0	S 47 0 E	100.0	8694.22	181.00 S	114.80 E	0.26
8800.00	2 0	S 43 0 E	100.0	8794.16	183.46 S	117.26 E	0.14
8900.00	2 0	S 39 0 E	100.0	8894.10	186.10 S	119.55 E	0.14



WELL NAME: A.R.E. NO.8-20

TIME DATE

LOCATION: SUMMIT COUNTY, UTAH

16:03:10 29-SEP-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE	RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	COORDINATES FEET		
9000.00	2 0	S 43 0 E	100.0	8994.04	188.73 S	121.84 E	0.14
9100.00	2 0	S 37 0 E	100.0	9093.98	191.40 S	124.09 E	0.21
9200.00	2 0	S 37 0 E	100.0	9193.92	194.19 S	126.19 E	0.00
9300.00	2 30	S 39 0 E	100.0	9293.84	197.28 S	128.60 E	0.51
9400.00	3 0	S 47 0 E	100.0	9393.73	200.79 S	131.87 E	0.63
9500.00	3 0	S 47 0 E	100.0	9493.59	204.36 S	135.70 E	0.00
9600.00	3 30	S 47 0 E	100.0	9593.43	208.22 S	139.85 E	0.50
9700.00	3 30	S 47 0 E	100.0	9693.24	212.39 S	144.31 E	0.00
9800.00	3 30	S 47 0 E	100.0	9793.06	216.55 S	148.78 E	0.00
9900.00	3 30	S 52 0 E	100.0	9892.87	220.52 S	153.42 E	0.31
10000.00	4 0	S 49 0 E	100.0	9992.66	224.68 S	158.46 E	0.54
10100.00	3 45	S 47 0 E	100.0	10092.43	229.20 S	163.48 E	0.28
10200.00	3 30	S 49 0 E	100.0	10192.23	233.43 S	168.18 E	0.28
10300.00	3 30	S 49 0 E	100.0	10292.04	237.43 S	172.79 E	0.00
10400.00	3 30	S 53 0 E	100.0	10391.85	241.27 S	177.53 E	0.24
10500.00	4 30	S 58 0 E	100.0	10491.61	245.22 S	183.28 E	1.06
10600.00	5 0	S 60 0 E	100.0	10591.27	249.49 S	190.38 E	0.53
10700.00	6 0	S 59 0 E	100.0	10690.80	254.35 S	198.64 E	1.00
10800.00	8 0	S 56 0 E	100.0	10790.05	260.90 S	208.91 E	2.03
10900.00	8 45	S 56 0 E	100.0	10888.99	269.04 S	220.99 E	0.75
11000.00	8 0	S 73 0 E	100.0	10987.92	275.29 S	234.09 E	2.58
11100.00	8 0	N 62 0 E	100.0	11086.95	273.99 S	247.59 E	6.11
11200.00	13 0	N 42 0 E	100.0	11185.24	262.83 S	261.87 E	6.12
11300.00	17 0	N 37 0 E	100.0	11281.81	242.87 S	278.32 E	4.20
11400.00	20 0	N 36 0 E	100.0	11376.63	217.37 S	297.19 E	3.02
11500.00	24 0	N 35 0 E	100.0	11469.33	186.88 S	318.94 E	4.02
11600.00	24 30	N 42 0 E	100.0	11560.51	154.75 S	344.50 E	2.92
11700.00	24 0	N 49 0 E	100.0	11651.68	125.98 S	373.77 E	2.92
11800.00	24 0	N 51 0 E	100.0	11743.04	92.84 S	404.93 E	0.81
11900.00	23 0	N 53 0 E	100.0	11834.74	75.29 S	436.35 E	1.28

NSCHUTZ CORPORATION
 WELL NAME: A.R.E. NO.8-20
 LOCATION: SUMMIT COUNTY, UTAH

SURVEY FILE

COMPUTATION PAGE NO. 5
 TIME DATE
 16:03:10 29-SEP-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
12000.00	23 0	N 54 0 E	100.0	11926.79	52.05 S 467.76 E	0.39
12100.00	23 0	N 53 0 E	100.0	12018.85	28.81 S 499.17 E	0.39
12200.00	23 30	N 53 0 E	100.0	12110.72	5.05 S 530.69 E	0.50
12300.00	24 0	N 52 0 E	100.0	12202.26	19.46 N 562.64 E	0.64
12400.00	24 0	N 51 0 E	100.0	12293.61	44.78 N 594.47 E	0.41
12500.00	24 0	N 52 0 E	100.0	12384.96	70.10 N 626.30 E	0.41
12600.00	25 0	N 52 0 E	100.0	12475.96	95.63 N 658.98 E	1.00
12700.00	25 0	N 50 0 E	100.0	12566.59	122.23 N 691.82 E	0.85
12800.00	26 0	N 49 0 E	100.0	12656.85	150.19 N 724.56 E	1.09

FINAL CLOSURE - DIRECTION: N 78 DEGS 17 MINS 23 SECS E
 DISTANCE: 739.96 FEET

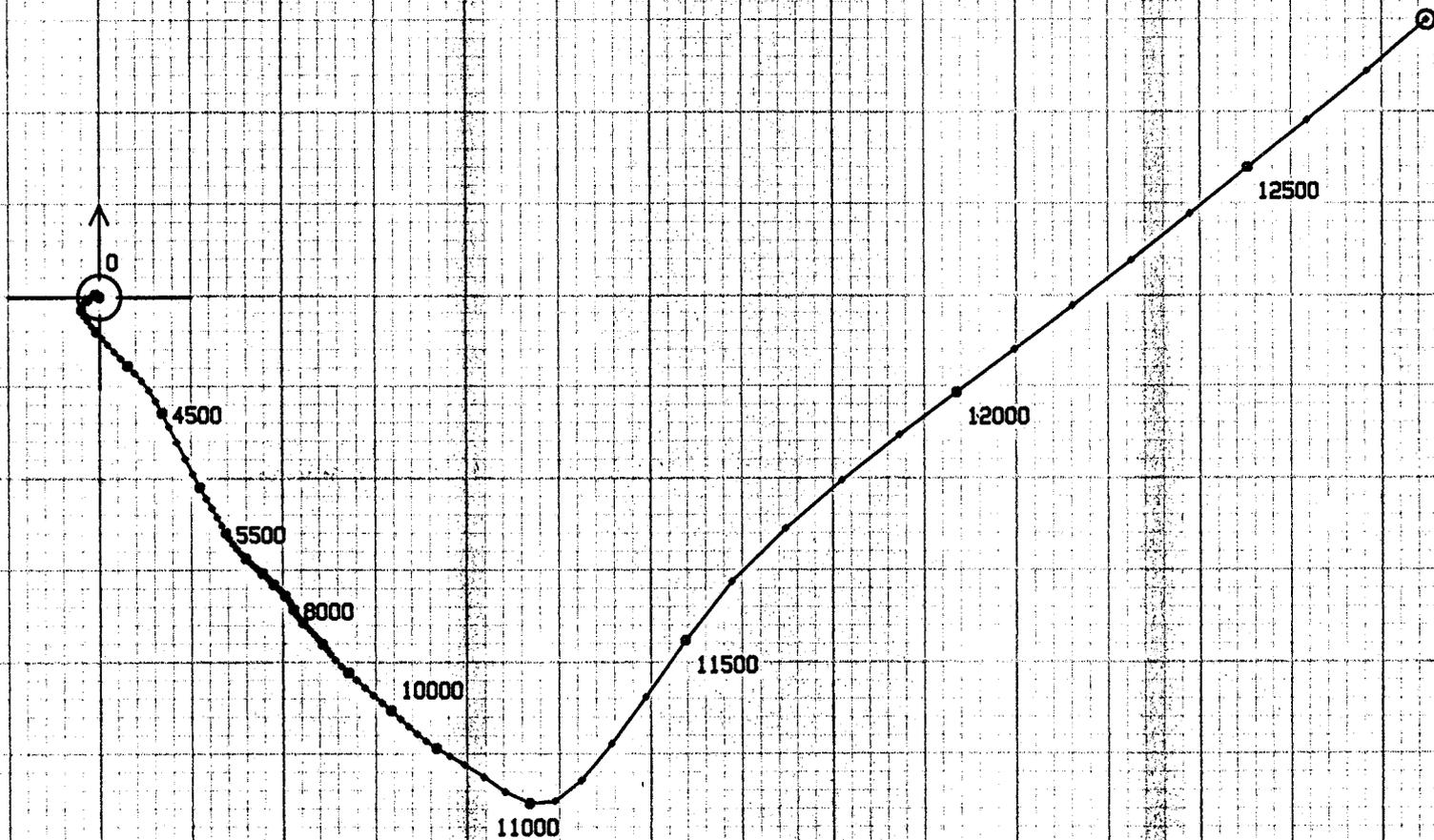


ANSCHUTZ CORPORATION
WELL NAME: A.R.E. NO. 8-20
LOCATION: SUMMIT COUNTY, UTAH

EASTMAN WHIPSTOCK, INC.

HORIZONTAL PROJECTION

SCALE 1 IN. = 100 FEET
DEPTH INDICATOR: MD



FINAL STATION:
DEPTH 12800 MD. 12656.84 TVD
NORTH 150.18 EAST 724.55
CLOSURE 739.96 N 78 17 23 E

HEWLETT PACKARD PRESSURE DATA

WELL DATA

Date: 10/29/82 - 11/01/82
Company: Anschutz Corporation
Well: U8-20
Field: Anschutz Ranch East
County: Summit
State: Utah
Location: S20 - T4N - R8E
Engineer: Paul Fickes
Witness: Ted Heidrich

TOOL DATA

Gauge No.: 1413A-00358
Calibration Date: 6/3/82
Panel No.: 034

RECEIVED
JAN 11 1983

**DIVISION OF
OIL, GAS & MINING**

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/29/82	17:16	5072.26	210.6
Depth: 11,752'	17:17	5068.05	210.7
	17:18	5064.56	210.7
	17:19	5061.59	210.6
	17:20	5059.22	210.7
	17:21	5057.24	210.7
	17:22	5055.57	210.7
	17:23	5054.24	210.7
	17:24	5053.11	210.7
	17:25	5052.23	210.7
	17:26	5051.45	210.6
	17:27	5050.87	210.6
	17:28	5050.44	210.7
	17:29	5050.03	210.7
	17:30	5049.72	210.7
	17:40	5048.62	210.6
	17:50	5048.62	210.6
	18:00	5048.86	210.6
	18:10	5048.90	210.5
	18:18	5048.96	210.5
	18:20	5047.60	210.4
	18:30	4193.19	208.1
	18:40	3767.80	211.1
	18:50	4091.39	213.9
	19:00	4363.96	214.0
	19:10	4250.75	213.5
	19:20	3786.80	211.7
	19:30	3507.60	212.1
	19:40	3367.63	212.0
	19:50	3308.99	211.9
	20:00	3280.69	211.9
	20:10	3268.39	211.8
	20:20	3258.80	211.8
	20:30	3256.20	211.7

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/29/82	20:40	3253.78	211.7
Depth: 11,752'	20:50	3251.45	211.6
	21:00	3250.75	211.7
	21:10	3342.43	212.6
	21:20	3435.89	212.3
	21:30	3477.73	212.3
	21:40	3499.54	212.4
	21:50	3517.80	212.5
	22:00	3543.08	212.7
	22:10	3662.41	213.1
	22:20	3727.03	213.2
	22:30	3752.19	213.1
	22:40	3770.22	213.2
	22:50	3778.40	213.2
	23:00	3785.70	213.3
	23:10	3780.64	213.3
	23:20	3786.79	213.4
	23:30	3790.32	213.4
	23:40	3791.32	213.4
	23:50	3789.09	213.6
Date: 10/30/82	00:00	3790.42	213.4
Depth: 11,752'	00:10	3794.25	213.5
	00:20	3786.17	213.6
	00:30	3791.57	213.6
	00:40	3788.66	213.6
	00:50	3790.62	213.6
	01:00	3790.29	213.6
	01:10	3792.19	213.5
	01:20	3790.60	213.5
	01:30	3794.48	213.6
	02:00	3792.83	213.5
	02:30	3776.04	213.7
	03:00	3769.44	213.7

Date: 10/30/82
Depth: 11,752'

TIME	PRESSURE	TEMPERATURE ° F
03:30	3764.04	213.7
04:00	3762.16	213.7
04:30	3765.77	213.8
05:00	3764.83	213.7
05:30	3909.37	214.1
06:00	3932.15	214.1
06:30	3942.63	214.2
07:00	3945.86	214.3
07:30	3951.43	214.3
08:00	3951.43	214.3
08:30	3950.09	214.3
09:00	3948.46	214.3
09:30	3949.54	214.3
10:00	3948.49	214.4
10:30	3947.23	214.4
11:00	3951.48	214.4
11:30	3954.74	214.4
12:00	3955.51	214.4
12:30	3954.24	214.4
13:00	3983.93	214.6
13:30	3958.70	214.4
14:00	3958.80	214.5
14:30	3960.27	214.5
15:00	4296.16	214.2
15:30	4002.62	214.4
16:00	3932.51	214.5
16:30	3920.84	214.6
17:00	3923.02	214.5
17:30	3923.78	214.6
18:00	3924.78	214.5
18:30	3924.56	214.5
19:00	3931.06	214.6
19:30	3930.60	214.6
20:00	3932.50	214.6

	TIME	PRESSURE	TEMPERATURE ° F	
Date: 10/30/82	20:30	3933.75	214.5	
Depth: 11,752'	21:00	3940.83	214.6	
	21:30	3939.31	214.7	
	22:00	3939.74	214.7	
	22:30	3942.45	214.6	
	23:00	3945.68	214.7	
	23:30	3945.82	214.7	
	Date: 10/31/82	00:00	3947.57	214.7
Depth: 11,752'	00:30	3949.36	214.7	
	01:00	3948.89	214.7	
	01:30	3949.15	214.7	
	02:00	3954.24	214.7	
	"CHANGE TO MOUNTAIN STANDARD TIME"			
	01:30	3953.78	214.7	
02:00	3955.88	214.8		
02:30	3958.54	214.8		
03:00	3960.08	214.8		
03:30	3961.27	214.8		
04:00	3962.18	214.8		
04:30	3962.43	214.9		
05:00	3966.21	214.8		
05:30	3964.64	214.8		
06:00	3968.40	214.9		
06:30	3969.70	214.8		
07:00	3969.37	214.9		
07:30	3970.69	214.8		
08:00	3972.25	214.9		
08:30	3973.30	214.9		
09:00	3975.47	214.9		
09:30	3974.61	214.9		
10:00	3977.36	214.9		
10:30	3978.85	214.9		
11:00	3980.82	214.9		

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/31/82	11:30	3979.44	214.9
Depth: 11,752'	12:00	3981.74	215.0
	12:30	3982.85	215.0
	13:00	3985.37	215.0
	13:30	3983.23	214.9
	14:00	3985.75	215.0
	14:30	3985.47	215.0
	15:00	3986.87	214.9
	15:30	3990.46	215.0
	16:00	3985.81	215.0
	16:30	3988.11	215.0
	17:00	3990.93	215.0
	17:30	3992.03	215.1
	18:00	3996.37	215.1
	18:30	3998.29	215.1
	19:00	3998.40	215.1
	19:00:10	3998.40	215.1
	19:00:20	3997.68	215.1
	19:00:30	3997.42	215.1
	19:00:40	3997.34	215.1
	19:00:50	4001.65	215.1
	19:01:00	4022.01	215.3
	19:01:10	4049.28	215.3
	19:01:20	4079.19	215.6
	19:01:30	4109.76	215.8
	19:01:40	4140.30	216.0
	19:01:50	4170.45	216.1
	19:02:00	4200.14	216.4
	19:02:10	4229.13	216.5
	19:02:20	4257.35	216.7
	19:02:30	4284.55	216.2
	19:02:40		
	19:02:50		
	19:03:00	4360.81	217.1

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/31/82	19:03:10	4385.85	217.2
Depth: 11,752'	19:03:20	4408.93	217.3
	19:03:30		
	19:03:40	4452.51	217.4
	19:03:50		
	19:04:00		
	19:04:10		
	19:04:20		
	19:04:30		
	19:04:40		
	19:04:50		
	19:05:00	4595.92	217.9
	19:05:10		
	19:05:20		
	19:05:30		
	19:05:40		
	19:05:50	4663.32	217.8
	19:06:00	4675.14	218.2
	19:06:10		
	19:06:20		
	19:06:30	4707.08	217.5
	19:06:40		
	19:06:50		
	19:07:00		
	19:07:10	4734.82	217.6
	19:07:20		
	19:07:30	4759.90	217.5
	19:07:40		
	19:07:50		
	19:08:00		
	19:08:10	4788.47	217.6
	19:08:20	4794.51	216.4
	19:08:30	4801.15	217.9
	19:08:40	4806.82	217.0

Date: 10/31/82

Depth: 11,752'

TIME	PRESSURE	TEMPERATURE ° F
19:08:50		
19:09:00		
19:09:10	4822.52	214.9
19:09:20		
19:09:30		
19:09:40		
19:09:50		
19:10:00		
19:10:30	4858.56	217.0
19:11:00	4869.42	216.8
19:11:30		
19:12:00		
19:12:30		
19:13:00		
19:13:30		
19:14:00		
19:14:30	4920.26	217.3
19:15:00	4924.83	216.1
19:15:30		
19:16:00	4934.25	217.6
19:16:30		
19:17:00		
19:17:30	4945.65	217.5
19:18:00		
19:18:30		
19:19:00		
19:19:30		
19:20:00	4960.31	217.3
19:20:30	4962.65	217.3
19:21:00		
19:21:30		
19:22:00	4969.19	217.1
19:22:30		
19:23:00		
19:23:30	4974.80	217.0

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/31/82	19:24:00	4976.44	216.9
Depth: 11,752'	19:24:30	4979.61	216.9
	19:25:00		
	19:25:30		
	19:26:00		
	19:26:30	4983.88	216.8
	19:27:00	4985.17	216.7
	19:27:30	4986.43	216.8
	19:28:00	4987.73	216.8
	19:28:30	4988.73	216.7
	19:29:00		
	19:29:30		
	19:30:00	4991.90	216.7
	19:30:30		
	19:31:00	4993.75	216.4
	19:31:30	4994.63	216.5
	19:32:00	4995.64	216.6
	19:32:30		
	19:33:00		
	19:33:30	4998.14	216.5
	19:34:00		
	19:34:30		
	19:35:00	5000.49	216.4
	19:35:30	5001.18	216.3
	19:36:00	5002.57	216.3
	19:36:30		
	19:37:00	5003.21	216.3
	19:37:30		
	19:38:00		
	19:38:30	5005.07	216.2
	19:39:00	5005.69	216.3
	19:39:30	5006.13	216.0
	19:40:00		
	19:41	5007.86	216.2

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/31/82	19:42	5008.82	216.1
Depth: 11,752'	19:43	5009.74	216.1
	19:44	5010.65	216.1
	19:45		
	19:46		
	19:47	5013.15	216.0
	19:48	5013.92	215.9
	19:49	5014.64	215.9
	19:50	5015.32	215.9
	19:51		
	19:52		
	19:53		
	19:54		
	19:55		
	19:56		
	19:57		
	19:58		
	19:59		
	20:00	5020.88	215.6
	20:01		
	20:02	5021.74	215.6
	20:03	5022.13	215.5
	20:04		
	20:05		
	20:06		
	20:07		
	20:08		
	20:09	5024.39	215.4
	20:10		
	20:11		
	20:12		
	20:13		
	20:14		
	20:15		

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/31/82	20:16	5026.57	215.1
Depth: 11,752'	20:17		
	20:18		
	20:19	5027.39	215.1
	20:20		
	20:21		
	20:22		
	20:23		
	20:24	5028.63	215.0
	20:25		
	20:26		
	20:27		
	20:28	5029.51	215.0
	20:29	5029.72	215.0
	20:30	5029.90	214.9
	20:31		
	20:32	5030.28	214.8
	20:33		
	20:34	5030.70	214.9
	20:35		
	20:36	5031.07	214.8
	20:37	5031.34	214.8
	20:38		
	20:39		
	20:40	5031.76	214.8
	20:50		
	21:00		
	21:10	5035.72	214.3
	21:20		
	21:30	5037.43	214.2
	21:40	5038.13	214.2
	21:50	5038.77	214.1
	22:00	5039.36	214.0
	22:10	5039.86	213.9

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/31/82	22:20	5040.37	213.9
Depth: 11,752'	22:30	5040.80	213.8
	22:40	5041.24	213.8
	22:50	5041.57	213.6
	23:00	5041.97	213.7
	23:10	5042.23	213.5
	23:20	5042.56	213.6
	23:30	5042.81	213.4
	23:40	5043.09	213.4
	23:50	5043.36	213.4
Date: 11/01/82	00:00	5043.57	213.3
Depth: 11,752'	00:10	5043.81	213.3
	00:20	5043.97	213.2
	00:30	5044.23	213.2
	00:40	5044.42	213.2
	00:50	5044.60	213.1
	01:00	5044.77	213.1
	01:10	5044.92	213.0
	01:20	5045.10	213.0
	01:30	5045.33	213.0
	02:00	5045.62	212.9
	02:30	5045.92	212.8
	03:00	5046.24	212.8
	03:30	5046.50	212.7
	04:00	5046.71	212.6
	04:30	5046.95	212.6
	05:00	5047.11	212.5
	05:30	5047.30	212.5
	06:00	5047.47	212.4
	06:30	5047.62	212.3
	07:00	5047.77	212.3
	07:30	5047.97	212.3
	08:00	5048.09	212.3

	TIME	PRESSURE	TEMPERATURE ° F
Date: 11/01/82	08:30	5048.16	212.2
Depth: 11,752'	09:00	5048.29	212.2
Date: 11/01/82	09:18	4696.04	189.3
Depth: 10,000'	09:19	4697.78	189.4
	09:20	4701.15	189.3
	09:21	4704.54	189.3
	09:22	4707.55	189.2
	09:23	4710.14	189.2
	09:24	4712.32	189.2
	09:25	4714.10	189.1
	09:26	4715.62	189.2
	09:27	4716.84	189.1
	09:28	4717.87	189.1
	09:29	4718.72	189.2
	09:30	4719.38	189.1
	09:31	4719.92	189.0
	09:32	4720.40	189.1
	09:33	4720.75	189.0
	09:34	4721.08	189.1
	09:35	4721.30	189.0
	09:36	4721.49	189.0
	09:37	4721.67	189.0
	09:38	4721.78	189.0
	09:39	4721.87	189.0
	09:40	4721.77	189.0
	09:41	4721.82	189.1
	09:42	4721.83	189.0
	09:43	4721.84	189.0
	09:44	4721.84	189.0
	09:45	4721.89	189.0
	09:46	4721.99	189.0
	09:47	4722.06	189.0
	09:48	4722.12	189.0

	TIME	PRESSURE	TEMPERATURE ° F
Date: 11/01/82	10:02	4317.34	171.8
Depth: 8,000'	10:03	4319.13	171.8
	10:04	4321.58	171.8
	10:05	4323.67	171.8
	10:06	4325.42	171.8
	10:07	4326.83	171.8
	10:08	4328.00	171.9
	10:09	4328.96	171.9
	10:10	4329.75	171.8
	10:11	4330.37	171.8
	10:12	4330.87	171.8
	10:13	4331.25	171.8
	10:14	4331.55	171.8
	10:15	4331.81	171.8
	10:16	4332.02	171.8
	10:17	4332.20	171.8
	10:18	4332.34	171.8
	10:19	4332.41	171.7
	10:20	4332.51	171.8
	10:21	4332.54	171.7
	10:22	4332.58	171.7
	10:23	4332.61	171.7
	10:24	4332.61	171.7
	10:25	4332.61	171.7
	10:26	4332.61	171.7
	10:27	4332.62	171.7
	10:28	4332.61	171.7
	10:29	4332.59	171.6
	10:30	4332.58	171.7
	10:31	4332.57	171.7
	10:32	4332.52	171.6
Date: 11/01/82	10:45	3928.74	148.6
Depth: 6,000'	10:46	3929.19	148.5

Date: 11/01/82

Depth: 6,000'

TIME	PRESSURE	TEMPERATURE ° F
10:47	3929 .64	148 .5
10:48	3929 .96	148 .6
10:49	3930 .16	148 .6
10:50	3930 .29	148 .5
10:51	3930 .36	148 .6
10:52	3930 .36	148 .5
10:53	3930 .38	148 .5
10:54	3930 .36	148 .5
10:55	3930 .33	148 .5
10:56	3930 .27	148 .5
10:57	3930 .27	148 .5
10:58	3930 .22	148 .4
10:59	3930 .17	148 .4
11:00	3930 .12	148 .4
11:01	3930 .08	148 .4
11:02	3930 .03	148 .4
11:03	3929 .95	148 .4
11:04	3929 .89	148 .4
11:05	3929 .81	148 .4
11:06	3929 .73	148 .3
11:07	3929 .67	148 .4
11:08	3929 .65	148 .4
11:09	3929 .58	148 .3
11:10	3929 .52	148 .3
11:11	3929 .47	148 .3
11:12	3929 .40	148 .3
11:13	3929 .32	148 .3
11:14	3929 .26	148 .4
11:15	3929 .19	148 .3

Date: 11/01/82

Depth: 4,000'

11:26	3529 .93	124 .3
11:27	3526 .84	124 .3
11:28	3524 .52	124 .3
11:29	3522 .37	124 .3

	TIME	PRESSURE	TEMPERATURE ° F
Date: 11/01/82	11:30	3520.40	124.3
Depth: 4,000'	11:31	3518.66	124.2
	11:32	3517.18	124.3
	11:33	3515.87	124.3
	11:34	3514.74	124.2
	11:35	3513.77	124.2
	11:36	3512.96	124.2
	11:37	3512.28	124.2
	11:38	3511.72	124.2
	11:39	3511.22	124.2
	11:40	3510.80	124.2
	11:41	3510.45	124.2
	11:42	3510.15	124.2
	11:43	3509.89	124.2
	11:44	3509.68	124.2
	11:45	3509.50	124.1
	11:46	3509.35	124.2
	11:47	3509.23	124.2
	11:48	3509.13	124.1
	11:49	3509.04	124.2
	11:50	3508.96	124.1
	11:51	3508.89	124.1
	11:52	3508.82	124.1
	11:53	3508.78	124.1
	11:54	3508.75	124.1
	11:55	3508.72	124.2
Date: 11/01/82	12:06	3272.37	93.9
Depth: 2,000'	12:07	3265.71	93.8
	12:08	3259.06	93.8
	12:09	3252.80	93.8
	12:10	3247.13	93.8
	12:11	3242.09	93.8
	12:12	3237.69	93.7

	TIME	PRESSURE	TEMPERATURE ° F
Date: 11/01/82	12:13	3233.88	93.7
Depth: 2,000'	12:14	3230.62	93.7
	12:15	3227.82	93.6
	12:16	3225.43	93.6
	12:17	3223.37	93.6
	12:18	3221.62	93.6
	12:19	3220.10	93.6
	12:20	3218.27	93.5
	12:21	3217.73	93.5
	12:22	3216.93	93.5
	12:23	3216.28	93.5
	12:24	3215.74	93.5
	12:25	3215.32	93.4
	12:26	3214.95	93.5
	12:27	3214.61	93.5
	12:28	3214.31	93.4
	12:29	3214.06	93.4
	12:30	3213.82	93.4
	12:31	3213.62	93.4
	12:32	3213.42	93.3
	12:33	3213.24	93.4
	12:34	3213.09	93.3
	12:35	3212.94	93.3
Date: 11/01/82	12:46	3001.81	75.6
Depth: 100'	12:47	2995.62	75.6
	12:48	2990.22	75.6
	12:49	2985.48	75.6
	12:50	2981.34	75.6
	12:51	2977.80	75.6
	12:52	2974.79	75.6
	12:53	2972.22	75.6
	12:54	2970.04	75.6
	12:55	2968.22	75.6

Date: 11/01/82

Depth: 100'

TIME	PRESSURE	TEMPERATURE ° F
12:56	2966.66	75.6
12:57	2965.36	75.6
12:58	2964.27	75.5
12:59	2963.34	75.4
13:00	2962.52	75.5
13:01	2961.90	75.4
13:02	2961.33	75.5
13:03	2960.87	75.4
13:04	2960.48	75.4
13:05	2960.12	75.5
13:06	2959.86	75.4
13:07	2959.62	75.4
13:08	2959.42	75.4
13:09	2959.23	75.4
13:10	2959.07	75.4
13:11	2958.96	75.3
13:12	2958.84	75.3
13:13	2958.77	75.4
13:14	2958.69	75.3
13:15	2958.64	75.3

END OF SURVEY *

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

SUBMIT IN TRIP DATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

8-20U

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec 20 T4N R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Anschutz Corp.

3. ADDRESS OF OPERATOR
555 17th St., Suite 2400, Denver, CO 80202

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

1592 FEL and 2202' FNL

14. PERMIT NO.
43-043-30123

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7335 GR

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)

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.)*

This well has been completed as per the sundry notice dated 9/17/82. The initial production rate for this well from the gross interval 11954-12782' has been calculated to be 6400 MCFD, 2306 BOPD on 34/64" choke, FTP = 1900 psi.

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

SIGNED David Hahler

TITLE Drilling Engineer

DATE 1-17-83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



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

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

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

April 26, 1983

Newspaper Agency Corp.
Legal Advertising
146 South Main
Salt Lake City, UT

Re: CAUSE NO. UIC-020

Gentlemen:

Attached hereto is a Notice of Hearing/Order to Show Cause, before the Board of Oil, Gas and Mining, Department of Natural Resources and Energy, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 3rd day of May, 1983. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

P for
Paula J. Frank

PAULA FRANK
Secretary of the Board

Attachment



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

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

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

April 26, 1983

Park Record
Legal Advertising
Park City, UT 84060

RE: CAUSE NO. UIC-020

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P for
Paula J. Frank

PAULA FRANK
Secretary of the Board

Attachment



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

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

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

April 26, 1983

Summitt County Bee
Legal Advertising
Coalville, UT 84017

Re: CAUSE NO. UIC-020

Gentlemen:

Attached hereto is a Notice of Hearing/Order to Show Cause, before the Board of Oil, Gas and Mining, Department of Natural Resources and Energy, State of Utah.

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Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

P for
Paula J. Frank

PAULA FRANK
Secretary of the Board

Attachment

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

IN THE MATTER OF THE APPLICATION)
OF AMOCO PRODUCTION COMPANY U.S.A.,) CAUSE NO. UIC-020
FOR ADMINISTRATIVE APPROVAL TO)
INJECT GAS INTO WELLS LOCATED)
IN SUMMIT COUNTY, UTAH.)

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS,
PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS,
PARTICULARLY IN SUMMIT COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Amoco Production Company U.S.A., P.O.
Box 17675, Salt Lake City, Utah, 84117, is requesting that the Division
authorize the approval to convert the wells mentioned below, to gas
injection wells as follows:

Township 4 North, Range 7 East

Sec. 36 Well # ARE W36-08
Sec. 16 Well # ARE W16-14

Township 4 North, Range 8 East

Sec. 20 Well # ARE W20-14
Sec. 29 Well # ARE W29-12
Sec. 20 Well # ARE W20-08

INJECTION ZONE: Nugget Formation

MAXIMUM INJECTION PRESSURE: 5500 psi

MAXIMUM INJECTION RATE: 35 MMSCFD

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


PAULA J. FRANK
Secretary of the Board

Notice of hearing was sent to the following:

Newspaper Agency Corp.
Summitt County Bee
Park Record

Amoco Production Company, USA
P.O. Box 17675
Salt Lake City, UT 84117

Anschutz Land & Livestock Co., Inc.
c/o The Anschutz Corp.
2400 Anaconda Tower
555 17th Street
Denver, CO 80202

Amoco Prod. Co.
Amoco Building
1670 Broadway
Denver, CO 80202

Bountiful Livestock Co.
1162 East 15th South
Woods Cross, UT 84087

Champlin Petroleum Co.
5800 S. Quebec,
Box 1257
Englewood, CO 80150

Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

U.S. Environmental Protection Agency
Attn: Mike Strieby
1860 Lincoln Street
Denver, CO 80295

UT. Dept. of Health
Bureau of Water Pollution Control
Attn: Jerry Riding
Room 410
150 West North Temple
Salt Lake City, UT 84103

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

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

IN THE MATTER OF THE APPLICATION OF
Amoco Production Company, USA
 ADDRESS P. O. Box 17675
Salt Lake City, Utah ZIP 84117
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE W20 - 08 WELL
 SEC. 20 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. 41C-020

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:

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

Lease Name <u>Anschutz</u>	Well No. <u>ARE W20-08</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SE NE</u> Sec. <u>20</u> Twp. <u>4N</u> Rge. <u>8E</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>3/81</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1500'</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) <u>Nitrogen Extraction Plant</u> <u>Uinta County, Wyoming</u>	Geologic Name(s) and Depth of Source(s) <u>Nitrogen Extraction</u> <u>via atmosphere</u>		
Geologic Name of Injection Zone <u>Nugget</u>	Depth of Injection Interval <u>11934</u> to <u>13496</u>		
a. Top of the Perforated Interval: <u>11954</u>	b. Base of Fresh Water: <u>1500'</u>	c. Intervening Thickness (a minus b): <u>10454'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO			
Lithology of Intervening Zones <u>Gannet (clay stone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>35 MMSCFD</u> X 1/2 <u>5500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of a unit agreement.</u>			

State of Utah
 County of Salt Lake

Amoco Production Company
 Applicant

Before me, the undersigned authority, on this day personally appeared _____ 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.

Suscribed and sworn to before me this _____ day of _____, 19 _____

SEAL

My commission expires _____

Notary Public in and for _____

(OVER)

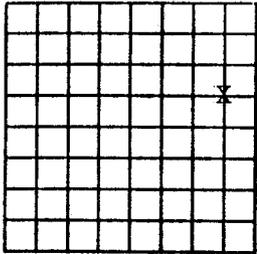
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

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

API NO. _____
640 Acres
N



S
Locate Well Correctly
and Outline Lease

COUNTY Summit SEC. 20 TWP. 4N RGE. 8E
COMPANY OPERATING AMOCO PRODUCTION Co.
OFFICE ADDRESS P. O. Box 17675
TOWN Salt Lake City STATE Utah ZIP 84121-17
FARM NAME Anschutz WELL NO. ARE W20-08
DRILLING STARTED 4 19 80 DRILLING FINISHED 2 19 81
DATE OF FIRST PRODUCTION 3-81 COMPLETED 3-81
WELL LOCATED 1/4 SE 1/4 NE 1/4
438 FT. FROM SW OF 1/4 SEC. & 1048 FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 7378 GROUND 7349

TYPE COMPLETION

Single Zone _____
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Nugget	11934	13496			

CASING & CEMENT

Casing Set				Cog. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sex	Fillup	Top
13-3/8"	61#	K-55	2250	-	2036	-	-
9-5/8"	36#		10658	-	1880	-	-
7"	26#	N-80	9423	-	1000	-	-
5-1/2"	20#	N-80	4255	-	700	-	-

TOTAL DEPTH 13703

PACKERS SET
DEPTH 11807

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Nugget		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	11954-12782		
INTERVALS			
ACIDIZED?	Yes		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Date	3-10-81		
Oil, bbl./day	1488		
Oil Gravity	52		
Gas, Cu. Ft./day	7,268,000 ^{CF}		^{CF}
Gas-Oil Ratio Cu. Ft./Bbl.	4884		
Water-Bbl./day	336		
Pumping or Flowing	Flowing		
CHOKE SIZE	48/64		
FLOW TUBING PRESSURE	2000		

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

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

Telephone _____
Name and title of representative of company _____

Subscribed and sworn before me this _____ day of _____, 19 _____

WELL DATA SHEET

Date Prepared: 12-15-82

Operator _____ Well No. 8-20U
 Field Anschutz Ranch East County Summit State UT
 Location 2202' FNL, 1592 FEI SE/NF Sec 20, T4N, R8E
 Elev. 7354' K.B. 7303 G.L. Spud Date 4-10-80 Comp. Date 3-8-81
 T.D. 13703 PBD 13642 Formation Nugget

Drawing not to Scale

Drlid 17 1/2" O.H.

Surface Casing:

13 3/8 61# K-55 ST&C set @2250. Cmt w/1381 sx 60/40 POZ and 455 sx "G". Top 150' of Annulus w/200 sx "G"

Drlid 12 1/2" O.H.

Intermediate Casing:

9 5/8" 36# set @10658. 1st. stage: cmt w/1130 sx self-stress and 250 sx cl "G" 2nd stage: cmt w/500 sx "G" DV tool @8686'

Drlid 8 1/2" O.H.

Production Casing:

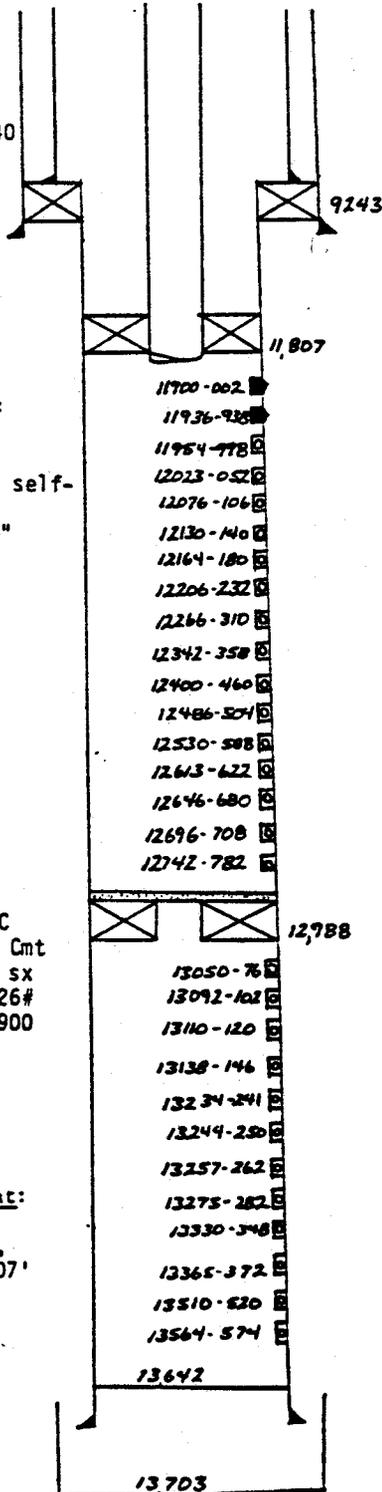
Liner: 5 1/2" 20# N-80 LT&C set from 9423' to 13678'. Cmt w/400 sx 65/35 POZ and 300 sx RFC. Tie back 5 1/2" w/7" 26# N-80 LT&C to surf. Cmt w/900 sx POZ + 100 sx Lite

Completion Equipment:

3 1/2" 12.95# L-80 PH6 tbg, w/AL2 pkr. Pkr set at 11807'

Completions and Workovers

(see attached)



ARE W20 - 08 - Operating Data

Twin Creek

lithology - limestone
thickness - 1503'
depth - 10430'

Nugget

lithology - sandstone
thickness - 1506'
depth - 11933'

Ankareh

lithology - sandstone
thickness - not determined due to lack of penetration
depth - 13439'

CLASS II FILE NOTATIONS

DATE FILED: 4-8-83 OPERATOR: Amoco Prod Co. USA WELL NO. ARE-W20-08
Sec. 20 T. 4N R. 8E QRT/QRT: SE/NE COUNTY: Summit
New Well? Conversion? Disposal Enhanced Recovery

Ansahuty

SURETY/Bond? Card Indexed? API Number: 43-043-30123

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? Yes

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

Surface Owner(s): _____ Operators : _____ water well(s) _____, abandoned well(s) _____, producing wells or drilling well(s) //, dry holes _____.

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

Schematic diagram of Well: TD: 13703, PBTD: _____, Depth of Inj/Disp interval: 11934-13496, geologic name of inj/dis interval Nugget, Casing and cement: top 2250, bottom 13678, Size of: casing 13 3/8" @ surface 9 5/8" @ 10658', 7" @ 9423' tubing 5 1/2" @ 4255', depth of packer: _____

Assessment of existing cement bond: Good
Location of Bottomhole: _____ MAXIMUM INJECTION RATE: 35 MMSCFD
MAXIMUM SURFACE INJECTION PRESSURE: 5500 psi 3. unit station

Proposed Operating Data:

Procedure for controlling injection rates and pressures: Safety Controls on all compressors
Geologic name: Nitrogen Extraction plant, depth, N/A location of injection fluid source. Analysis of water to be injected N/A tds, water of injection formation _____ tds., EXEMPTION REQUIRED? N/A

Injection zone and confining zone data: lithologic description clay stone, sandstone, shale & limestone, geologic name Nugget, thickness 10454', depth _____, lateral extent Centering

USDW's that may be affected by injection: geologic name _____, lateral extent _____, depth to the top and bottom of all known USDW's Base of fresh water 1500'

Contingency plans? See unit file

Results of formation testing?
Description of mechanical integrity test Yes-unit, injection procedure See Unit file for attachment file & logs

CHECKED BY: UIC ADMINISTRATOR: _____

UIC GEOLOGIST: _____

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

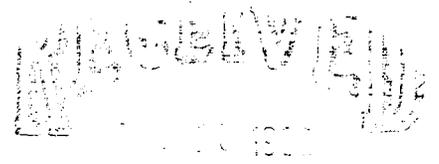


Amoco Production Company

Post Office Box 17675
Salt Lake City, Utah 84117
801-272-9253

T. G. Doss
District Superintendent

February 9, 1983



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

DIVISION OF
OIL, GAS & MINING

File: DSD-251-031.190

Anschutz Ranch East Unit Operations - Summit County, Utah

Amoco Production Company herewith advises that the following wells within the subject unit have been renamed as noted:

<u>Old Well Name:</u>	<u>New Well Name/Location:</u>
✓ Anschutz U2-30	Anschutz Ranch East Unit W30-02 Sec. 30, T4N, R8E
Anschutz U6-20	Anschutz Ranch East Unit W20-06 Sec. 20, T4N, R8E
Anschutz U30-06	Anschutz Ranch East Unit W30-06 Sec. 30, T4N, R8E
Anschutz U8-20	Anschutz Ranch East Unit W20-08 Sec. 20, T4N, R8E
Anschutz U8-30	Anschutz Ranch East Unit W30-08 Sec. 30, T4N, R8E
Anschutz U10-20	Anschutz Ranch East Unit W20-10 Sec. 20, T4N, R8E
Anschutz U10-30	Anschutz Ranch East Unit W30-10 Sec. 30, T4N, R8E
Anschutz U12-20	Anschutz Ranch East Unit W20-12 Sec. 20, T4N, R8E



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

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

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

May 31, 1983

Amoco Production Company, USA
P.O. Box 17675
Salt Lake City, UT 84117

Re: Class II Injection Well
Approval
Cause No. UIC-020

Gentlemen:

Please be advised that administrative approval has been granted for gas injection into the wells mentioned below. This approval is conditional upon adhering to the UIC rules and regulations adopted by the Board of Oil, Gas and Mining and by not exceeding the maximum authorized pressures and rates.

Township 4 North, Range 7 East

Sec. 36 Well #ARE W36-08
Sec. 16 Well #ARE W16-14

Township 4 North, Range 8 East

Sec. 20 Well #ARE W20-14
Sec. 29 Well #ARE W29-12
Sec. 20 Well #ARE W20-08

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

Sincerely,


Dr. G.A. (Jim) Shirazi
Director

GS/TP/tp



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
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver



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 22, 1987

Mr. Reed Smith
Amoco Production Company
Post Office Box 829
Evanston, Wyoming 82930

Dear Mr. Smith:

A review of the Class II injection wells which Amoco operates in the Anschutz Ranch and Anschutz Ranch East Fields, has revealed that required pressure test information has not been submitted to the Division for five injection wells. The Division requires a pressure test to be conducted at least once every five years for certain Class II injection wells and submittal of the test results should be made to the Division.

The five wells in question are the AREU #W29-12, AREU #W16-14, AREU #20-08, AREU #W20-14, and AREU #W36-08. The Division has no record of a pressure test having been conducted on these five wells during the past five years.

If a pressure test has been conducted on any of these wells, please submit a copy of the test results and the date of the test. If no pressure test has been conducted in the past five years, arrangements need to be made to have these tests performed. Rule 505 of the Oil and Gas Conservation Rules details the testing requirements.

Please notify the UIC staff if any pressure tests are to be conducted so that the staff may have an opportunity to witness the tests. If there are any questions regarding this request, please contact the UIC staff at (801)538-5340.

Sincerely,

A handwritten signature in cursive script that reads "Dorothy B. Swindel".

Dorothy B. Swindel
UIC Geologist

mfp
0256U/41



Amoco Production Company

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

N. E. Spencer
District Manager

August 20, 1987

Natural Resources Oil and Gas
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
AUG 24 1987
DIVISION OF OIL
GAS & MINING

Attn: Dorothy Swindle

File: LOB-107-537.5

Casing Integrity Testing
Anschutz Ranch East Nitrogen Injection Wells

Your office has recently indicated that no documentation of casing integrity testing has been provided for five Anschutz Ranch East nitrogen injection wells. A review of our records indicates the wells in question were tested as follows:

<u>Well</u>	<u>Testing Date</u>	<u>Test Pressure</u>	<u>Test Duration</u>	<u>Reason for Testing</u>
43-043-30154 W29-12 ✓	10-15-84	1500 psi	15 min.	Tubing Upsize
43-043-30096 W16-14 ✓	4-14-85	1500 psi	15 min.	Tubing Upsize
43-043-30123 W20-08 ✓	12-3-84	1500 psi	15 min.	Tubing Upsize
43-043-30145 W20-14 ✓	3-29-86	1500 psi	15 min.	Tubing Upsize
43-043-30167 W36-08 ✓	5-24-86	1500 psi	15 min.	Tubing Upsize

Sec. 20 4N 8E

A copy of the daily work reports which reflect the above dates and pressures can be provided upon your request. If additional testing is deemed necessary, a rapid response is requested such that any testing can be performed prior to your October 1987 deadline.

Any questions or comments regarding this matter should be directed to Dan Polson at (307) 783-2316.

N. E. Spencer

DNP/djw

cc: Kathy Bauman - Denver
Reid Smith - Evanston



Amoco Production Company

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

N. E. Spencer
District Manager

August 20, 1987

Natural Resources Oil and Gas
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Dorothy Swindle

File: LOB-107-537.5

Casing Integrity Testing
Anschutz Ranch East Nitrogen Injection Wells

Your office has recently indicated that no documentation of casing integrity testing has been provided for five Anschutz Ranch East nitrogen injection wells. A review of our records indicates the wells in question were tested as follows:

<u>Well</u>	<u>Testing Date</u>	<u>Test Pressure</u>	<u>Test Duration</u>	<u>Reason for Testing</u>
W29-12	10-15-84	1500 psi	15 min.	Tubing Upsize
W16-14	4-14-85	1500 psi	15 min.	Tubing Upsize
W20-08	12-3-84	1500 psi	15 min.	Tubing Upsize
W20-14	3-29-86	1500 psi	15 min.	Tubing Upsize
W36-08	5-24-86	1500 psi	15 min.	Tubing Upsize

A copy of the daily work reports which reflect the above dates and pressures can be provided upon your request. If additional testing is deemed necessary, a rapid response is requested such that any testing can be performed prior to your October 1987 deadline.

Any questions or comments regarding this matter should be directed to Dan Polson at (307) 783-2316.

N. E. Spencer

DNP/djw

cc: Kathy Bauman - Denver
Reid Smith - Evanston

RECEIVED

AUG 24 1987

DIVISION OF OIL
GAS & MINING



Amoco Production Company

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

N. E. Spencer
District Manager

August 28, 1987

Natural Resources Oil and Gas
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Dorothy Swindle

File: LOB-108-537.5

Casing Integrity Testing
Anschutz Ranch East Nitrogen Injection Wells

Per your phone conversation of 8/27/87 with Dan Polson, attached are the daily work reports which document the testing of the W29-12, W16-14, W20-08, W20-14, and W36-08. If there are any questions concerning this matter, please contact Dan Polson at (307) 783-2316.

N.E. Spencer 204
N. E. Spencer

DNP/djw

Attachments

RECEIVED

AUG 31 1987

DIVISION OF OIL
GAS & MINING

DR

Completion or Repair Report
Denver Region

0	Date	FLAC Well	API Well	Side
12-3-84				

REF N 20-08

Chaparral #1

Observations: Total Depth 13,703 PSTD 13,789 Present Operations Injecting Formation Nugget

2	OC Date	Req Made On Date	CRGO Date	Req. Assessed Date	Drill Req	Suspended Date	Returned Date	State of Production
		11-29-84						

7	Daily Mud Cost	Cumulative Mud Cost	Daily Well Cost	Cumulative Well Cost	Latest Est Well Cost
		16,508		30,092	

Comments - Trouble - Chronological

- 10 Repair Code TF Vam PTS - #0411 \$646.00
- 10 Repair Code TF Seal - #5757 \$86.00
- 10 Repair Code TF " - #5549 \$237.50
- 10 Repair Code TF " - #5435 \$604.00
- 10 Repair Code TF " - #5733 \$107.50
- 10 Repair Code TF " - 5732 - \$236.50
- 10 Repair Code TF " - 5729 - \$193.50
- 10 Repair Code TF " - 5731 - \$496.50
- 10 Repair Code TF " - 5548 - \$453.50
- 10 Repair Code TF " - 5547 - \$236.50
- 10 Repair Code TF Chaparral - #1636 \$3405
- 10 Repair Code TF Baker - #355-61362 \$5050

- 14. 2 0 RTG Finish T/H w/27 1/2 jts 4 1/2" Vam.
- 14. 1 0 OTHER sting into pkr & space out LD 2 jts & 1 sub
- 14. 2 5 CIRC Circ 250 bbl pkr fluid w/ 4 bbl diesel. Had to thaw out lines.
- 14. 0 75 RTG PU 2-10' 4 1/2" Vam subs, XO 4 1/2" Vam to 3 1/2" CS Hydriil 1 ft
- 14. 3 1/2" CS Hydriil, XO 3 1/2" CS Hydriil to 3 1/2" PH-6 (pin x 2 in)
- 14. Gray extended neck hanger. Sting into pkr. Load & landed 1' above pkr. Installed BPV.
- 14. 0 5 OTHER Test seal assembly to 1500 psi for 15 min - OK
- 14. 1 25 NDROP ND BDP
- 14. 4 5 NU NUTree Test tree to 10000 psi Remove test dart Hooked up flowline to plant. Turned well over to plant for injection.

Test Data

76	Gas	Oil	Water	Test Rate No. 1	ATP	FBHP	Gas	Oil	Water	Test Rate No. 2	ATP	FBHP
77	Gas	Oil	Water	Test Rate No. 3	ATP	FBHP	Gas	Oil	Water	Test Rate No. 4	ATP	FBHP

53	Date	Top	Depth	Strm	Tool	Shut	Part Size	Total No	Type	Gun Size	Gun	Fluid	Fluid Density	Level	Light
53															
53															
53															
53															
53															

Do not input: Test String 5/2 20" Top of well string 3 1/2" CS Hydriil 11807' Title XNP 11851 X 2 213 @ 118

Prepared By: Ken Klinker

Coll. Rec. By:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 14, 1992

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201

Gentlemen:

Re: Pressure Test for Mechanical Integrity, Class II Injection Wells in the Anschutz Ranch East Unit, Summit County, Utah

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R649-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing for the second five year period. Attached is a list of wells which need to be tested according to our records. Please make arrangements and ready the wells for testing during the week of August 10, 1992, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

Page 2
Pressure Test
July 14, 1992

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut in 24 hours prior to testing.

Please contact Mr. Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,



Gil Hunt
UIC Program Manager

ldc
Attachment
WOI52

55

WELLS TO BE TESTED

#W20-02

W29-02

W29-12

W29-14A

W02-10

W16-14

W19-08

W20-08

W20-14

W30-08

W30-14

W36-08

W31-05

TO WEST GATE

TO EVANSTON

BLACK A-1

BOUNTIFULL B-1

ISLAND RANCH D-1

GRAVEL PIT

ANSC EAST PLANT SITE

NITROGEN PLANT

ISLAND RANCH B-1

ISLAND RANCH B-2

ISLAND RANCH C-1

187-A1

372 B-1

34-2

34-1

3-1

4-1

W 1-04

W 1-02

W 1-06

W 1-12

W 2-10

W 12-04

W 11-01

W 30-12

W 30-14

W 30-13

W 31-04

W 36-08

W 36-10

W 36-14

W 30-02

W 29-04

W 30-06

W 30-10

W 30-15

W 31-12

W 31-05

W 36-16

W 31-06

W 31-08

W 32-04

W 29-06A

W 30-08

W 29-12

W 29-14

W 30-16

W 29-02

W 29-06A

W 29-02

W 29-06A

W 29-12

W 29-14

W 20-04

W 20-06

W 21-04

W 20-09

W 21-14

W 20-08

W 20-10

W 19-08

W 20-12

W 20-14

W 19-16

W 20-16

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

TEST DATE: 8-11-92 WELL OWNER/OPERATOR: Amoco - Rockmont
DISPOSAL WELL: ENHANCED RECOVERY WELL: OTHER:
API NO: 43-043-30123 WELL NAME/NUMBER: AREU-#1020-08
SECTION: 20 TOWNSHIP: 4N RANGE: 8E

INITIAL CONDITIONS:

TUBING - rate: pressure: 4750
CASING/TUBING ANNULUS - pressure: 190

CONDITIONS DURING TEST:

TUBING pressure: 4750 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1025 psi 15 min
annulus pressure drop during test: None psi

CONDITIONS AFTER TEST:

TUBING pressure: 4750 psi
CASING/TUBING ANNULUS pressure: 300 psi

REMARKS:

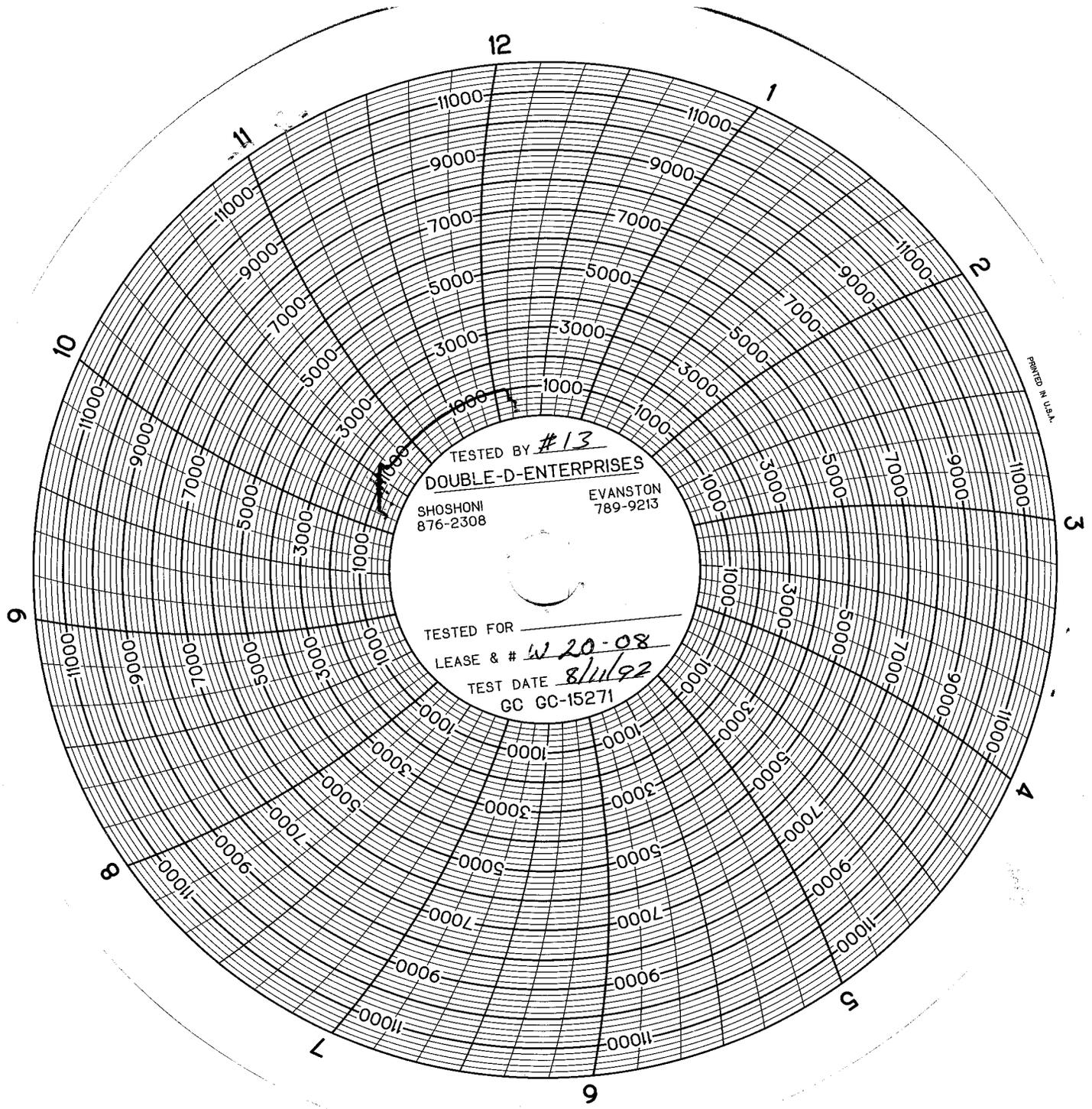
Russell L. Granger
OPERATOR REPRESENTATIVE

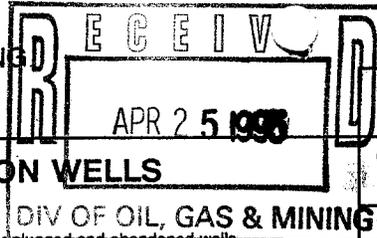
[Signature]
DOG M WITNESS

PRINTED IN U.S.A.

TESTED BY #13
DOUBLE-D-ENTERPRISES
SHOSHONI 876-2308
EVANSTON 789-9213

TESTED FOR _____
LEASE & # W 20-08
TEST DATE 8/11/92
GC GC-15271





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:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Anschutz Ranch East

8. Well Name and Number:

ARE W20-08

9. API Well Number:

43-043-30123

10. Field and Pool, or Wildcat:

West Nugget

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Amoco Production Company

3. Address and Telephone Number:
P.O. Box 800, Room 2195, Denver, CO 80201

4. Location of Well
Footages: 2202' FNL x 1592' FEL
QQ, Sec., T., R., M.: SW NE Sec. 20-T4N-R8E

County: Summit

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Injector well to producer
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion January 19, 1995

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.)

Amoco Production Company converted injector well ARE W20-08 to a producer effective January 19, 1995. This required no procedural work, it only required flipping a switch so the well would start producing.

If you need any additional information, please call Rick Ross (Engineer) at (303) 830-4952 or Sheryl Lebsack (303) 830-5523.

13. Name & Signature: Sheryl Lebsack Title: Regulatory Analyst Date: 4/17/95

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RECEIVED
OCT 18 1995
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial Number:
420026-00
6. If Indian, Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON WELLS
DIV. OF OIL, GAS & MINING

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

7. Unit Agreement Name:
Anschutz Ranch East/W Nug

1. Type of Well: OIL GAS OTHER: Gas Injector
2. Name of Operator:
Amoco Production Company ATTN: Sheryl Lebsack Room 1855G

8. Well Name and Number:
ARE W20-08
9. API Well Number:
43-043-30123

3. Address and Telephone Number:
P.O. Box 800, Denver, CO 80201 (303) 830-5523

10. Field and Pool, or Wildcat:
Nugget

4. Location of Well
Footages: 2202' FNL X 1592' FEL
QQ, Sec., T., R., M.: SE/4 NE/4 Sec. 20-T4N-R8E

County: Summit
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Workover
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start 10/16/95

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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

Amoco Production Company requests permission to perform the following procedure on the W20-08. Verbal was received 10/12/95 at 3:40 PM by Frank Mathews.

1. Kill well and nipple up BOP.
2. Pull out existing completion equipment and packer.
3. Mill out packer and plug at 12988' isolating perforations from 13050' to 13574'.
4. Set packer at 12900'.
5. Run completion string with packer and sliding sleeve to isolate perforations from 11,900 to 12,782'. Set top of packer at 11,800.
6. RD BOP and put well on production.
7. Produce interval 13050-13574' with interval 11900'-12782' isolated behind sliding sleeve.

If you have any questions, please call Art McClean (307) 679-1290

13. Name & Signature: Sheryl Lebsack Title: Permitting Representative Date: 10/16/95

(This space for State use only)

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**
Date: 10-23-95
By: [Signature]

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W20-08

LOCATION: 2202 'FNL 1592 'FEL SEC. 20 T4N R8E
ELEVATION: 7376 'K.B. / 7347 'G.L.

LAST UPDATED:

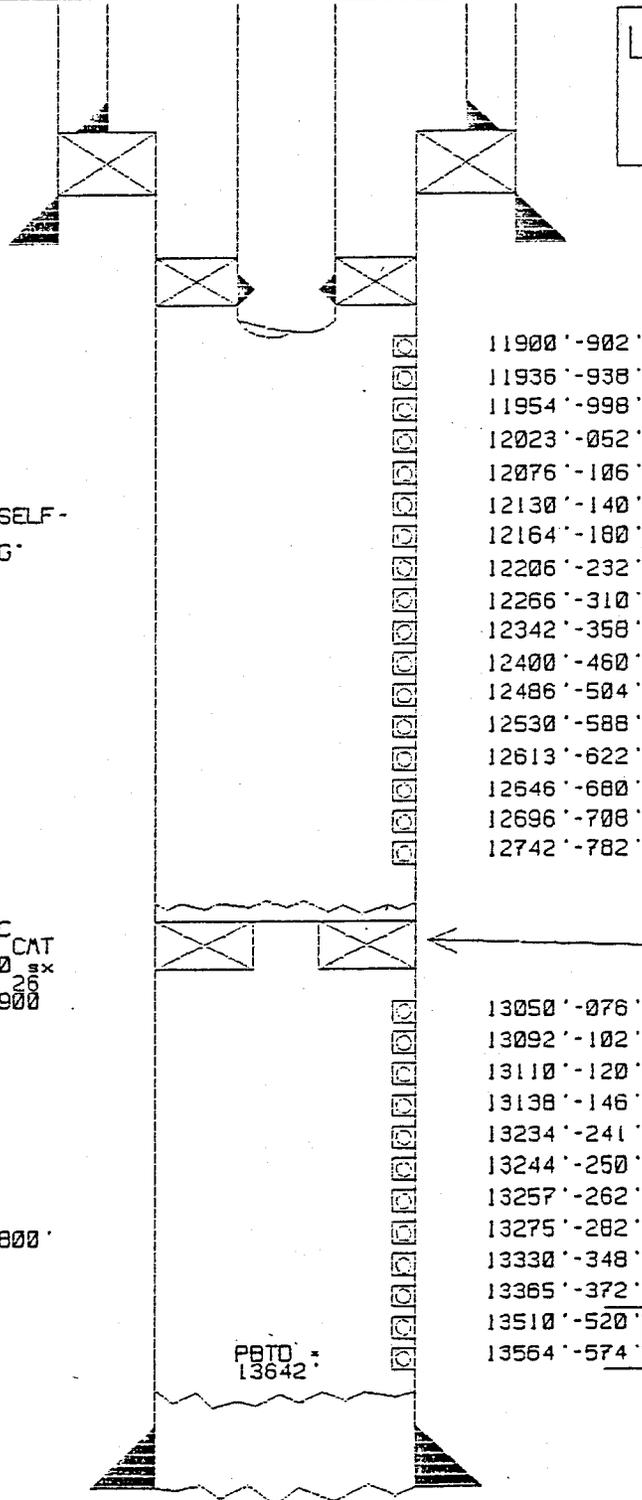
13 3/8" 61 K-55 ST&C SET
o 2250 CAT V/1381 sx
60/40 POZ AND 455 sx G
TOP .150' OF ANNULUS V/200
sx G

9 5/8" 36 SET o 10658'
1ST STAGE: CAT V/1130 sx SELF-
STRESS AND 250 sx G
2ND STAGE: CAT V/500 sx G
OV TOOL 8686

LINER 5 1/2" 20 N-80 LT&C
SET FROM 9423' TO 13678' CAT
V/400 sx 65/35 POZ AND 300 sx
RFC TIE BACK 5 1/2" V/7" 26
N-80 LT&C TO SURF CAT V/900
sx POZ & 100 sx LITE

4 1/2" 12.6 N-80 VAM
V/FB-1 PKR. PKR SET AT 11800'

3 1/2" 9.3 N-80 CS
(33' AT SURFACE)



MODEL FB-1 PKR SA 11800'
OTIS X NIPPLE 2.313" ID
SA 11840
OTIS XN NIPPLE 2.313" ID
SA 11851

- 11900' - 902'
- 11936' - 938'
- 11954' - 998'
- 12023' - 052'
- 12076' - 106'
- 12130' - 140'
- 12164' - 180'
- 12206' - 232'
- 12266' - 310'
- 12342' - 358'
- 12400' - 460'
- 12486' - 504'
- 12530' - 588'
- 12613' - 622'
- 12646' - 680'
- 12696' - 708'
- 12742' - 782'

2 sx CAT DUMPED ON TOP OF SAND
2 sx SAND DUMPED ON TOP OF PKR
FB-1 PKR W/BR PLUG IN PACKER
o 12989

- 13050' - 076'
- 13092' - 102'
- 13110' - 120'
- 13138' - 146'
- 13234' - 241'
- 13244' - 250'
- 13257' - 262'
- 13275' - 282'
- 13330' - 348'
- 13365' - 372'
- 13510' - 520'
- 13564' - 574'

ANKAREH

TD • 13703'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1996

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 <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: FEE
2. Name of Operator: Amoco production Company		8. Well Name and Number: W20-08
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201		7. Unit Agreement Name: Anschutz Ranch East
4. Location of Well Footages: 2202' FNL x 1592' FEL QQ, Sec., T., R., M.: Sec 20 T4N-R8E		9. API Well Number: 43-043-30123
		10. Field and Pool, or Wildcat: Anschutz Ranch East/Nugget
		County: Summit State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input checked="" 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 <u>Bring well back to production</u> in Nugget Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.
<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.)

Amoco Production Company opened existing intervals by performing the following/

1. Pull existing completion equipment & packer.
 2. Mill out packer & plug @ 12,988' that is isolating perms from 13,050'-13,574'.
 3. Set packer @ 12,900'.
 4. Run completion string w/ packer & sliding sleeve to isolate perms from 11900-12782'. Set packer @ 11,800'
 5. Put well on production & produce interval 13,050'-13,574' w/ interval 11900'-11782 isolated behind sliding sleeve.
 6. Return well at a rate of 30 MMCFD 350 BOPD & 90 BOPD.
- If you require additional information, please contact Raehene Krcil @ (303) 830-5399.

13. Name & Signature: *Raehene K. Krcil* Title: Regulatory Analyst Date: 2/16/96

(This space for State use only)

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
 AMOCO ROCMOUNT COMPANY
 PO BOX 800
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W20-08			NGSD			<i>Fee</i>	<i>Anschutz Ranch</i>	<i>East Unit</i>
4304330123	04540	04N 08E 20						
ANSCHUTZ RANCH EAST 29-04ST1			NGSD			"		
4304330129	04540	04N 08E 29						
ANSCHUTZ RANCH EAST E21-14			TWNCR			"		
4304330130	04540	04N 08E 21						
ANSCHUTZ RANCH EAST W21-04			NGSD			"		
4304330135	04540	04N 08E 21						
ANSCHUTZ RANCH EAST W29-02			NGSD			"		
4304330136	04540	04N 08E 29						
ANSCHUTZ RANCH EAST W16-06			NGSD			"		
4304330138	04540	04N 08E 16						
ANSCHUTZ RANCH EAST W20-16			NGSD			"		
4304330148	04540	04N 08E 20						
ANSCHUTZ RANCH EAST W30-16			NGSD			"		
4304330156	04540	04N 08E 30						
ANSCHUTZ RANCH EAST W36-16			NGSD			"		
4304330157	04540	04N 07E 36						
ANSCHUTZ RANCH EAST W20-06			NGSD			"		
4304330159	04540	04N 08E 20						
ANSCHUTZ RANCH EAST W32-04			NGSD			"		
4304330162	04540	04N 08E 32						
ANSCHUTZ RANCH EAST W31-08			NGSD			"		
4304330164	04540	04N 08E 31						
ANSCHUTZ RANCH EAST W31-04			NGSD			"		
4304330165	04540	04N 08E 31						
TOTALS								

COMMENTS: _____

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

Date: _____

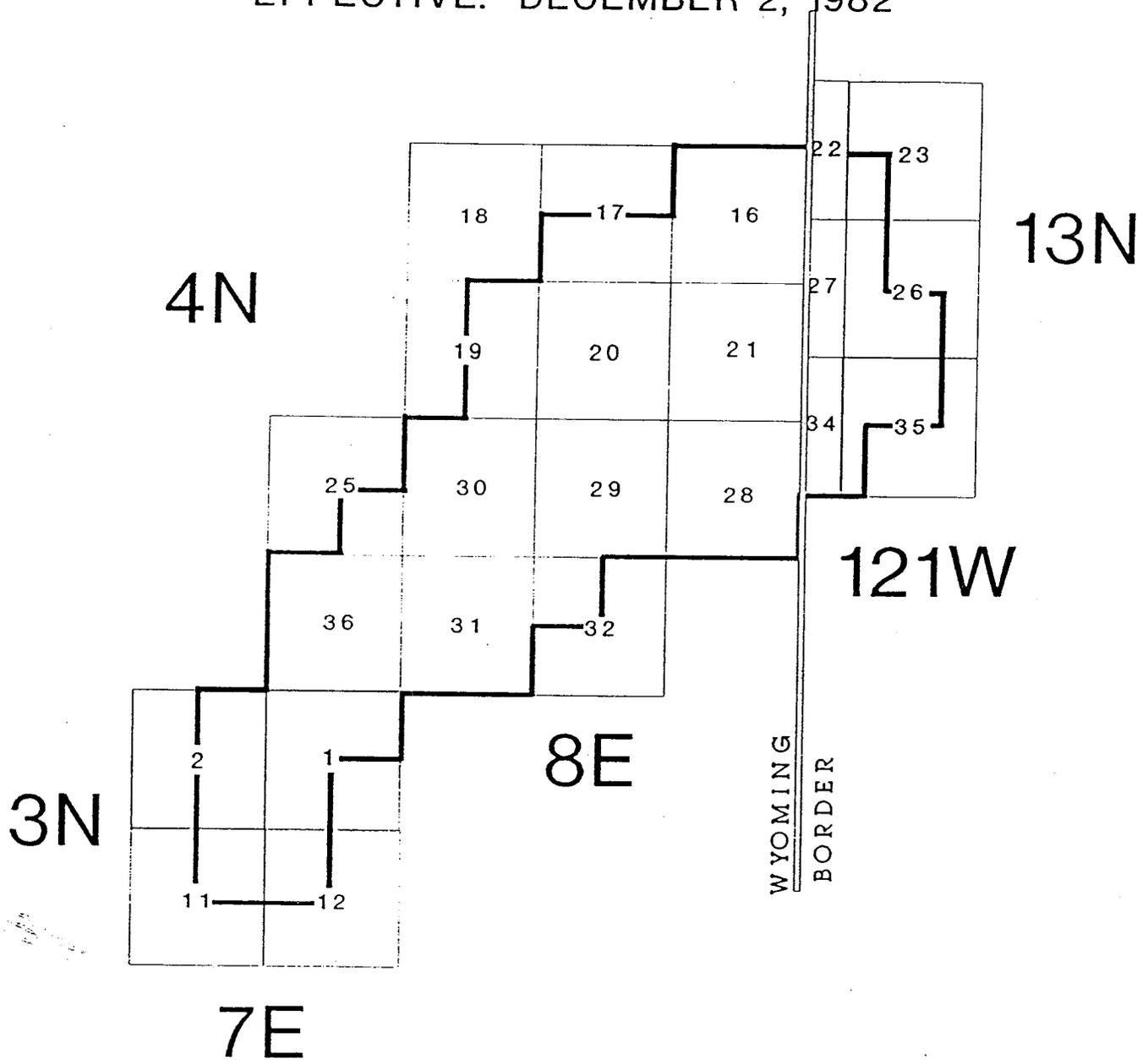
Name and Signature: _____

Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



—— UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

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.

Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number:
Name of Operator: Amoco Production Company	6. If Indian, Allottee or Tribe Name:
Address and Telephone Number: P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781	7. Unit Agreement Name: Anschutz Ranch East
Location of Well Shotages: 2202' FNL, 1592' FEL	8. Well Name and Number: W20-08
Sec., T., R., M.: Sec 20, T4N, R8E	9. API Well Number: 43-043-30123
	10. Field and Pool, or Wildcat: Anschutz Ranch East/Nugget
	County: Summit State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
Abandonment <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 type="checkbox"/>	<input checked="" type="checkbox"/> Other <u>Coil Tubing</u>	
Other _____		Date of work completion _____	
Approximate date work will start _____		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.	

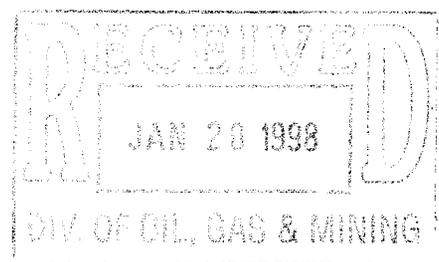
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- The well was returned to production on 1/13/98 The workover began 1/12/98.
1. RIH to 13,489' w/1.75" coiled tubing while loading the hole with 2% KCl water.
 2. POOH w/coiled tbg. to 13,250'. Pump 10 bbls of fresh water spacer.
 3. Pump 18.8 bbls of 15.8#/gal cmt, from 13,489' to 12,641'.
 4. Wait on cmt to set.
 5. RIH w/coiled tbg and tag cement at 12,647'.
 6. RD equipment, return well to production.

Signature: G. G. Montez Title: Permit Agent Date: 1/14/98

(See for State use only)

(See Instructions on Reverse Side)





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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 26, 1998

G. G. Martinez
Amoco Production Company
P. O. Box 800, Room 812B
Denver, Colorado 80201

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Amoco Rocmount Company to Amoco Production Company for the following wells which are located on fee leases:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
(Anschutz Ranch East "ARE")		
ARE W20-08	20-04N-08E	43-043-30123
ARE 29-04ST1	29-04N-08E	43-043-30129
ARE E21-14	21-04N-08E	43-043-30130
ARE W21-04	21-04N-08E	43-043-30135
ARE W29-02	29-04N-08E	43-043-30136
ARE W16-06	16-04N-08E	43-043-30138
ARE W20-16	20-04N-08E	43-043-30148
ARE W30-16	30-04N-08E	43-043-30156
ARE W36-16	36-04N-07E	43-043-30157
ARE W20-06	20-04N-08E	43-043-30159
ARE W32-04	32-04N-08E	43-043-30162
ARE W31-08	31-04N-08E	43-043-30164
ARE W31-04	31-04N-08E	43-043-30165
ARE W17-16	17-04N-08E	43-043-30176
ARE W30-08	30-04N-08E	43-043-30183
ARE W30-14	30-04N-08E	43-043-30185
ARE W01-06	01-03N-07E	43-043-30188
ARE W31-12	31-04N-08E	43-043-30190
ARE W19-16	19-04N-08E	43-043-30204
ARE W30-10	30-04N-08E	43-043-30215
ARE W31-06	31-04N-08E	43-043-30217

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

ARE W20-12	20-04N-08E	43-043-30220
ARE E28-06	28-04N-08E	43-043-30226
ARE W36-10	36-04N-07E	43-043-30227
ARE W20-02	20-04N-08E	43-043-30228
ARE W20-10	20-04N-08E	43-043-30229
ARE W16-12	16-04N-08E	43-043-30231
ARE W20-04	20-04N-08E	43-043-30238
ARE W29-06A	29-04N-08E	43-043-30250
ARE W29-14A	29-04N-08E	43-043-30251
ARE E28-12	28-04N-08E	43-043-30257
ARE W01-04	01-03N-07E	43-043-30270
ARE W01-12	01-03N-07E	43-043-30271
ARE W30-06	30-04N-08E	43-043-30273
ARE W11-1	11-03N-07E	43-043-30277
ARE W30-13	25-04N-07E	43-043-30279
ARE W12-04	02-03N-07E	43-043-30283
ARE W20-09	20-04N-08E	43-043-30286
ARE W20-03	20-04N-08E	43-043-30291

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

This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3

G. G. Martinez

Notification of Sale

February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Admin. Analyst, Oil & Gas

cc: Amoco Rocmount Company, Ed Hadlock
Utah Royalty Owners Association, Stephen Evans
John R. Baza, Associate Director
Operator File(s)

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.

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: Amoco Production Company

3. Address and Telephone Number: P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781

4. Location of Well
Footages: 2202' FNL, 1592' FEL
CQ, Sec., T., R., M.: Sec 20, T4N, R8E

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name: Anschutz Ranch East

7. Unit Agreement Name: W20-08

8. Well Name and Number:

9. API Well Number: 43-043-30123

10. Field and Pool, or Wildcat: Nugget

County: Summit
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____

- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

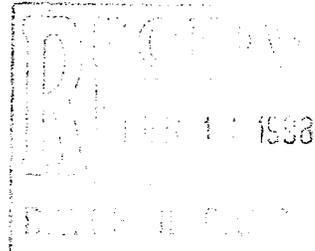
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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.)

Amoco Production Company is now the operator of the above mentioned well. We will be operating under Utah Bond # 831094. This is effective 1/31/95.

If you require additional information, please contact Gigi Martinez @ (303) 830-4781.



Name & Signature: G. G. Martinez Title: Permit Agent Date: 2/5/98

* space for State use only

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF DISSOLUTION OF "AMOCO ROCMOUNT COMPANY", FILED IN THIS OFFICE ON THE THIRTY-FIRST DAY OF JANUARY, A.D. 1995, AT 10 O'CLOCK A.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.

Change of operator. Amoco Rocmount to Amoco Production Co Effective 1/31/95



Edward J. Freel

Edward J. Freel, Secretary of State

0934277 8100
950022938

AUTHENTICATION: 7391913
DATE: 01-31-95

*ATTN: Lisha Cordova
801-359-3904*

4 pages

*Ed Hadlock
Amoco Prod. Co
303-830-4993*

CERTIFICATE OF DISSOLUTION
OF
AMOCO ROCMOUNT COMPANY

AMOCO ROCMOUNT COMPANY, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That dissolution was authorized on January 19, 1995.

SECOND: That dissolution has been authorized by the unanimous written consent of all of the stockholders of the corporation entitled to vote on a dissolution in accordance with the provisions of subsection (c) of section 275 of the General Corporation Law of the State of Delaware.

THIRD: That the names and addresses of the directors and officers of AMOCO ROCMOUNT COMPANY are as follows:

DIRECTORS

<u>NAMES</u>	<u>ADDRESSES</u>
J. M. Brown	501 WestLake Park Boulevard Houston, TX 77079
J. M. Gross	501 WestLake Park Boulevard Houston, TX 77079
D. H. Welch	200 East Randolph Drive Chicago, IL 60601

OFFICERS

<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
J. M. Brown	President	501 WestLake Park Blvd. Houston, TX 77079
M. R. Gile	Vice President	1670 Broadway Denver, CO 80202
J. N. Jagers	Vice President	1670 Broadway Denver, CO 80202

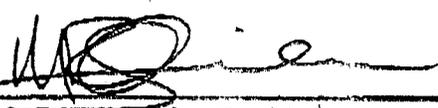
<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
D. H. Welch	Vice President	200 East Randolph Drive Chicago, IL 60601
J. M. Gross	Secretary	501 WestLake Park Blvd. Houston, TX 77079
R. B. Wilson	Assistant Secretary	1670 Broadway Denver, CO 80202
Rebecca Gormezano	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
C. F. Helm	Assistant Secretary	519 S. Boston Tulsa, OK 74103
A. L. Haws	Assistant Secretary	501 WestLake Park Blvd. Houston, TX 77079
Daniel B. Pinkert	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
G. L. Paulson	Assistant Secretary	1670 Broadway Denver, CO 80202
J. E. Rutter	Assistant Secretary	501 WestLake Park Blvd. - Houston, TX 77079
J. L. Siddall	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
M. J. Stonecipher	Assistant Secretary	519 S. Boston Tulsa, OK 74103
Rebecca S. McGee	Assistant Secretary	1670 Broadway Denver, CO 80202
Gerald M. Wilson	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
Marsha Williams	Treasurer	200 East Randolph Drive Chicago, IL 60601

IN WITNESS WHEREOF, said AMOCO ROCMOUNT COMPANY has caused this certificate to be signed by M. R. Gile, its Vice President, and attested by Rebecca S. McGee, its Assistant Secretary, this 26th day of January, 1995.

AMOCO ROCMOUNT COMPANY

ATTEST:

By Rebecca S. McGee
Assistant Secretary

By 
M. R. Gile, Vice President

STATE OF COLORADO)
)
CITY OF DENVER) ss.

I, Sheri A. White, a Notary Public, do hereby certify that M. R. GILE and Robert S. McGee of the above named AMOCO ROCMOUNT COMPANY, personally known to me to be the same persons whose names are subscribed to the foregoing instrument as Vice President and Assistant Secretary, respectively, appeared before me this day in person, and acknowledged that they signed, sealed and delivered the said instrument as the free and voluntary act of said AMOCO ROCMOUNT COMPANY, and as their own free and voluntary act as Vice President and Assistant Secretary, respectively, for the uses and purposes therein set forth.

GIVEN under my hand and official seal this 21st day of January, 1995.

Sheri A. White
Notary Public

OPERATOR CHANGE WORKSHEET

1-LEC ✓	6-LEC ✓
2-GH ✓	7-KAS ✓
3-FPS ✓	8-SIL ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (~~well sold~~) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-31-95

TO: (new operator)	<u>AMOCO PRODUCTION COMPANY</u>	FROM: (old operator)	<u>AMOCO ROCMOUNT COMPANY</u>
(address)	<u>PO BOX 800</u>	(address)	<u>PO BOX 800</u>
	<u>DENVER CO 80201</u>		<u>DENVER CO 80201</u>
			<u>ED HADLOCK</u>
Phone:	<u>(303)830-5340</u>	Phone:	<u>(303)830-5340</u>
Account no.	<u>N0050</u>	Account no.	<u>N1390</u>

WELL(S) attach additional page if needed:

***ANSCHUTZ RANCH EAST UNIT**

Name: **SEE ATTACHED**	API: <u>43-043-30123</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 2-19-98) (Rec'd 2-26-98)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 2-11-98)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (2-26-98) *QuattroPro/WIC "No Chg.", DBASE/WIC "No Chg." (See comments)
- lec 6. **Cardex** file has been updated for each well listed above. (2-26-98)
- lec 7. Well **file labels** have been updated for each well listed above. (2-26-98)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-26-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
4540 "Unit Entity"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

Surety No. 831094 (80,000) Issued by Seaboard Surety Co. in behalf of Amoco Prod. Co. and Amoco Rocmount Co.

- Sec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- Sec 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date 2-19-98. If yes, division response was made to this request by letter dated ____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Sec 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- Sec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated Feb. 26, 1998, of their responsibility to notify all interest owners of this change.

FILMING

- VS 1. All attachments to this form have been **microfilmed**. Today's date: 3.20.98.

FILING

- CAO 1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980219 Recognized open for Anschutz Ranch East Unit (State Unit) already Amoco Production Co.

* MIC Wells (Disposal & Gas Injection) were never changed to Amoco Rocmount Company, no change necessary. They were changed in 3270 and have now been changed back to Amoco Prod. Co.

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: FEE
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: W20-08
2. NAME OF OPERATOR: Amoco Production Company		9. API NUMBER: 4304330123
3. ADDRESS OF OPERATOR: P.O. Box 3092 CITY Houston STATE TX ZIP 77253-3092	PHONE NUMBER: (281) 366-5798	10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1592' FEL x 2202' FNL		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 20 4N 8E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/3/2001	<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 checked="" 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.

W20-08 logged off due to high water production and decreased reservoir pressure in March, 2001. The 4-1/2" tubing was removed and replaced with a new string of 2-7/8" 6.5# N-80 (bottom at 11,170') and 2-3/8" 4.6# N-80 stung into the packer located at 11,790'. This workover was conducted to allow W20-08 to be operated as a gas lift well. Fuel gas is used as the lift gas. The well was pressure tested to 1000 psig surface pressure with 2% KCl fluid to ensure casing integrity. For details see attached wellbore diagram. All downhole work was completed May 3, 2001.

RECEIVED

AUG 28 2001

DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Jon Lowe</u>	TITLE <u>Production Engineer</u>
SIGNATURE	DATE <u>8-21-2001</u>

(This space for State use only)

BP

UPDATED: May 11, 2001

Submitted by: Ricky Gregory

WELLBORE DIAGRAM

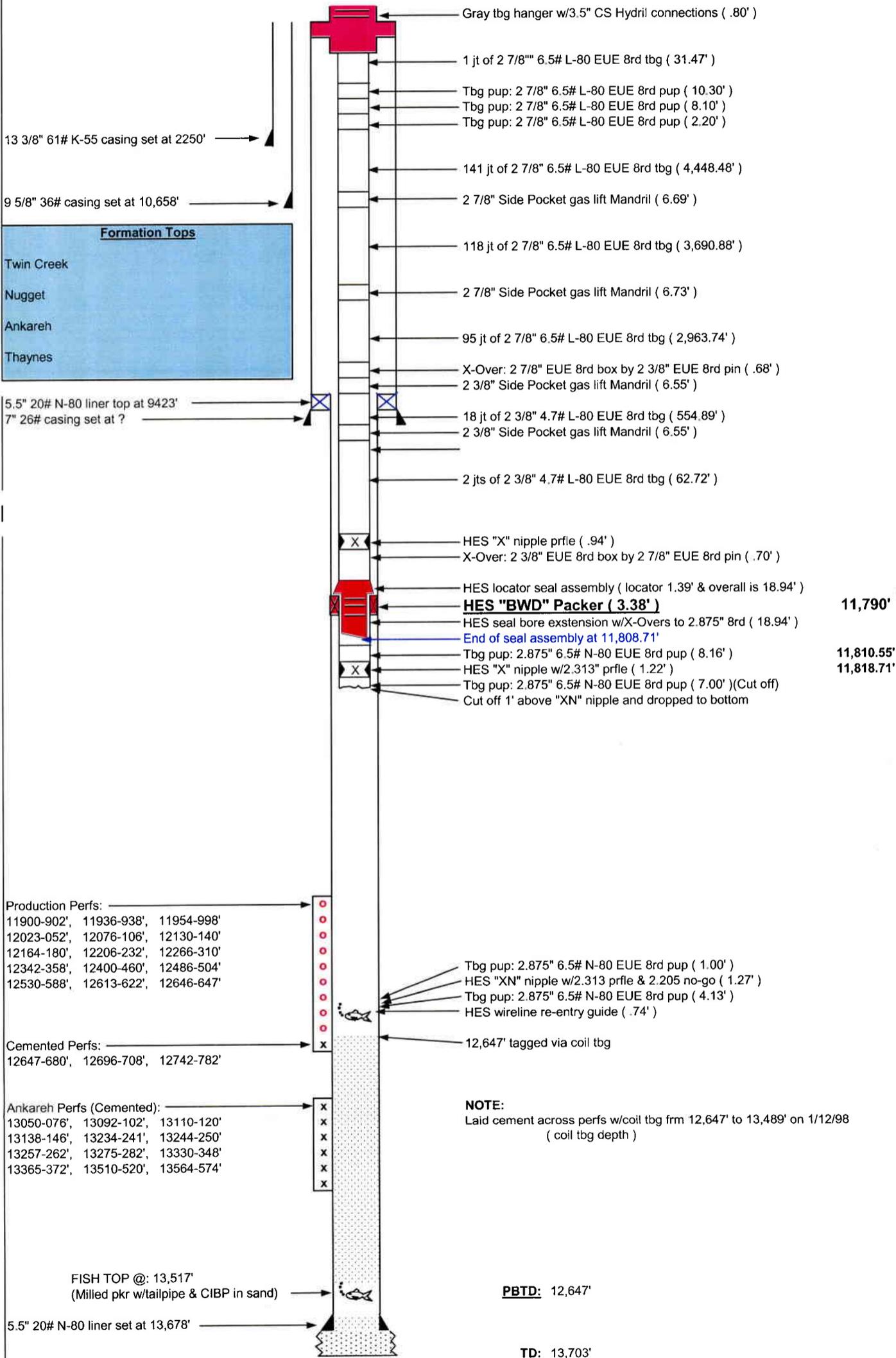
Field: Anschutz Ranch

Well: ARE W 20-08

SEC: 20 TWP: 4N RGE: 8E

KB Correction: 29'

DESCRIPTION - TOOLS RUN - ETC. DEPTH



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:
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		7. UNIT or CA AGREEMENT NAME: <u>See Attached</u>
2. NAME OF OPERATOR: <u>Amoco Production Company</u>		8. WELL NAME and NUMBER: <u>See Attached</u>
3. ADDRESS OF OPERATOR: <u>501 Westlake Park Blvd</u> , <u>CITY</u> <u>Houston</u> STATE <u>TX</u> ZIP <u>77079</u>		9. API NUMBER: <u>Attached</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See Attached</u>		10. FIELD AND POOL, OR WILDCAT: <u>See Attached</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		COUNTY: <u>See Attached</u>
		STATE: <u>UTAH</u>

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) <u>Alan Wood</u>	TITLE <u>Regulatory Engineer</u>
SIGNATURE	DATE <u>12/11/2001</u>

(This space for State use only)

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DEC 13 2001

**DIVISION OF
OIL, GAS AND MINING**

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:

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

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 type="checkbox"/> OTHER <u>See Attached</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: BP America Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv, CITY Houston STATE TX ZIP 77079		7. UNIT or CA AGREEMENT NAME: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: Attached
COUNTY: See Attached		10. FIELD AND POOL, OR WILDCAT: See Attached
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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> 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 Fred N. Dign 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

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	Fl. NS	NS	Fl. 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		686 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		1592 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		2460 E	
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		618 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		1283 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		968 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		1286 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 SENW	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		2848 E	
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 SENW	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 SENW	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 SENW	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 SENW	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		1780 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 W01-06	01	030N	070E	4304330188	4540	FEE	GW	P
ARE W36-16	36	040N	070E	4304330157	4540	FEE	GW	P
ARE W36-08	36	040N	070E	4304330167	4540	FEE	GW	S
ARE W16-14	16	040N	080E	4304330096	4540	FEE	GW	S
ARE W16-06	16	040N	080E	4304330138	4540	FEE	GW	S
ARE W17-16	17	040N	080E	4304330176	4540	FEE	GW	S
ARE W20-08	20	040N	080E	4304330123	4540	FEE	GW	S
ARE W20-14	20	040N	080E	4304330145	4540	FEE	GW	P
ARE W20-16	20	040N	080E	4304330148	4540	FEE	GW	P
ARE W20-06	20	040N	080E	4304330159	4540	FEE	GW	S
ARE E21-14	21	040N	080E	4304330130	4540	FEE	GW	S
ARE W21-04	21	040N	080E	4304330135	4540	FEE	GW	S
ARE 29-04ST1	29	040N	080E	4304330129	4540	FEE	GW	P
ARE W29-02	29	040N	080E	4304330136	4540	FEE	GW	P
ARE W29-12	29	040N	080E	4304330154	4540	FEE	GW	P
ARE W30-16	30	040N	080E	4304330156	4540	FEE	GW	P
ARE W30-08	30	040N	080E	4304330183	4540	FEE	GW	P
ARE W30-14	30	040N	080E	4304330185	4540	FEE	GW	S
ARE W31-08	31	040N	080E	4304330164	4540	FEE	GW	P
ARE W31-04E	31	040N	080E	4304330165	4540	FEE	GW	S
ARE W32-04	32	040N	080E	4304330162	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 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: n/a

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 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.

			5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: ARE W 20-08
2. NAME OF OPERATOR: Merit Energy Company			9. API NUMBER: 4304330123
3. ADDRESS OF OPERATOR: 13727 Noel Ste 500 CITY Dallas STATE TX ZIP 75240		PHONE NUMBER: (972) 628-1568	10. FIELD AND POOL, OR WILDCAT: ARE / Nugget
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: 2178' FNL & 1523' FEL			COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 20 4N 8E			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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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: _____
	<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.

Merit Energy Company proposes to clean out & replace GVLs as follows:

MIRU. ND WH. NU BOP. Sting out of HES "BWD" pkr. TOH w/2-7/8" & 2-3/8" tbg, GLVs & seal assembly. TIH w/seal assembly on new or yellow band inspected 2-7/8" tbg w/2-7/8" side-pocket. GLVs spaced @ 8750', 9250', 9750', 10250' & 10700'. If heavy scale is seen on tbg, acid wash perms w/3500 gals 15% HCl. Jet well dry w/N2.

COPY SENT TO OPERATOR
Date: 6/30/04
Initials: CHD

NAME (PLEASE PRINT) <u>Kara Stines</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE	DATE <u>6/22/2004</u>

(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 6/29/04
BY: [Signature]
(See Instructions on Reverse Side)

RECEIVED
JUN 28 2004
DIV. OF OIL, GAS & MINING

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.

		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: ARE W 20-08
2. NAME OF OPERATOR: Merit Energy Company		9. API NUMBER: 4304330123
3. ADDRESS OF OPERATOR: 13727 Noel Road, Suite 500, Dallas, TX 75240	PHONE NUMBER: 972.628.1658	10. FIELD AND POOL, OR WILDCAT: ARE / Nugget
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2178' FNL & 1523' FEL		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE NE, Sec. 20, T4N-R8E		STATE: UTAH

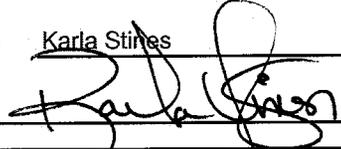
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/19/2004	<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: CO & replace GVLs
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETION - DIFFERENT FORMATION	

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

Merit Energy performed the following:

6/29-7/19/04: MIRU. ND WH. NU BOP. Sting out of pkr @ 11970'. TOH. LD prod string. Tallied & PU tbg string. TIH. RU WL. RIH w/GR. Checked for scale & fill. Tagged up @ 12323' & 121172'. Worked thru tight spots. Ran dn to 12682'. TIH. Milled on pkr. TOH w/pkr. TIH w/ mill & csg scraper. Tagged @ 12638', 12903' & 13033'. TOH. LD mill & scraper. RU E-line. TIH w/GR to 12995'. TOH. TIH w/GR to 12700'. TOH. PU CIBP. TIH. Set @ 12642'. Dumped bail 17' of cmt on top of CIBP to 12625' (new PBTD). TIH w/prod string. Set pkr @ 11846'. Land tbg & fill csg w/207 bbls. Tested to 1000 psi - held. ND BOP. NU WH. Swab well. RU tbg unit. RIH. Wash perms w/3500 gals of 15% HCL w/ additives. Flushed to btm perf. Jet well clean w/N2. RDMO.

NAME (PLEASE PRINT) <u>Karla Stines</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE 	DATE <u>November 17, 2004</u>



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2011

CERTIFIED MAIL NO. 7005 1820 0001 5562 9825

Ms. Michal K. White
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

43 043 30123
ARE W20-08
4N 8E 20

Subject: **Second Notice of Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases**

Dear Ms. White:

As of January 1, 2011, Merit Energy Company ("Merit") has twenty three (23) Fee Lease Wells that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Eight (8) of these wells (Attachment A) are in addition to six (6) wells already given a second notice and nine (9) wells issued a Notice of Violation on June 30, 2010. All wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. 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 (R649-3-36-1.3.3).

On July 6, 2010, the Division notified Merit by certified mail that the wells listed on attachment A were in non-compliance. Merit was given 30 days to respond with required information regarding said wells. It has been almost 1 year since the notice was sent whereas Merit has not responded or shown effort to bring these wells into compliance as required by R649-3-36.

Please submit your plans to produce or plug these wells to the Division within 30 days of this notice or a Notice of Violation (NOV) will be issued.



Page 2
Ms. White
June 6, 2011

For extended SI/TA consideration of each well on the SI/TA list, the operator shall provide the Division 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, 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
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 well bore, 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 will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Attachment
cc: Well File
Operator Compliance File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	ARE W30-10	43-043-30215	FEE	2 Years
2	ARE W12-04	43-043-30283	FEE	1 Year 3 Months
3	ARE W20-03	43-043-30291	FEE	2 Years 5 Months
→ 4	ARE W20-08	43-043-30123	FEE	2 Years 5 Months
5	ARE E21-14	43-043-30130	FEE	1 Year 8 Months
6	ARE W21-04	43-043-30135	FEE	2 Years 5 Months
7	ARE W32-04	43-043-30162	FEE	1 Year 7 Months
8	ARE W20-09	43-043-30286	FEE	1 Year 11 Months

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: MERIT ENERGY COMPANY

4N 8E 20

Well(s) or Site(s): 1.) <u>ARE W30-10</u>	API #: <u>43-043-30215</u>
2.) <u>ARE W12-04</u>	<u>43-043-30283</u>
3.) <u>ARE W20-03</u>	<u>43-043-30291</u>
4.) <u>ARE W20-08</u>	<u>43-043-30123</u> ←
5.) <u>ARE E21-14</u>	<u>43-043-30130</u>
6.) <u>ARE W21-04</u>	<u>43-043-30135</u>
7.) <u>ARE W32-04</u>	<u>43-043-30162</u>
8.) <u>ARE W20-09</u>	<u>43-043-30286</u>

Date and Time of Inspection/Violation: August 23, 2011

Mailing Address: Attn: Kim Mercer

13727 Noel Road, Ste 500

Dallas, TX 75240

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

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(801) 359-3940 Fax

The Division has initiated several contacts with Merit Energy Company (Merit) requesting required documents and action per R649-3-36. Wells 1 through 8 were notified of their non compliance status with a first notice on July 6, 2010. A second notice was issued on June 6, 2011 for these wells. The Division only received one sundry response in regard to this notice. Approval was given on July 5, 2011, for a plan to plug back well #6 and instructed that a SI/TA extension request be submitted upon completion of plug back and testing. No further information has been submitted by Merit to show them moving forward to move this well or any of their other wells out of non-compliance status.

Let it also be stated that the Division has previously issued Notice of Violations (NOV) for Merit's other fifteen (15) wells that are currently in non-compliance status (see attached NOV's). Merit has not responded to either NOV's to date. This NOV now brings all shut in wells operated by Merit as being in violation of the State of Utah's shut in and temporarily abandoned well requirements. Merit has failed to comply with rule R649-3-36 despite the time the Division has worked with them to bring these wells into compliance.

Action: For the wells subject to this notice, Merit shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

Compliance Deadline: October 15, 2011

Date of Service Mailing: August 25, 2011

CERTIFIED MAIL NO: 7011 0110 0001 3568 1205



Division's Representative

Operator or Representative

(If presented in person)

cc: Compliance File
Well Files

6/2005



MERIT ENERGY COMPANY

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

October 30, 2012

RECEIVED
NOV 01 2012
DIVISION OF OIL, GAS & MINING

Mr. Clinton Dworshak
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84114

RE: 2013 Plugging and/or Reactivation Well Plan
Merit Energy Company

Dear Mr. Dworshak,

This letter is written to follow up our April 26, 2012 meeting in your office regarding shut in and temporarily abandoned wells operated by Merit Energy Company. As discussed in that meeting, Merit will be plugging the wells listed below by the end of the 2012 calendar year.

ARE W 31-04	API 4304330165	Sec 31-T4N-R8E	43 043 30123
ARE W 31-12	API 4304330190	Sec 31-T4N-R8E	ARE W 20-08
ARE W 16-12	API 4304330231	Sec 16-T4N-R8E	4N 8E 20
ARE W 17-16	API 4304330176	Sec 17-T4N-R8E	

Merit is also in the process of applying for approval to convert the Champlin 372 C 1 well to a salt water disposal. Merit has identified the wells on the enclosed list as candidates for plugging or reactivation by the end of the 2013 calendar year. Please be aware as Merit continues its review of the wells on the Extended Shut in and Temporarily Abandoned Well List we may identify potential in other wells which we may want to substitute for wells on the enclosed list.

Merit truly appreciated the opportunity to meet you and your staff in April. If you have any questions regarding the enclosed list or Merit's operations, please contact me at (972) 628-1558 or Kreg Hadley at (972) 628-1617.

Sincerely,

MERIT ENERGY COMPANY

Arlene Valliquette
North Division Regulatory Manager

Enclosure

Cc: Dustin Doucet – Utah DOGM
Randy Sanders – Evanston, Wyoming
Neil Nadrash – Dallas, Texas
Kreg Hadley – Dallas, Texas

PROBABLE REACTIVATIONS; POSSIBLE P&A'S

Well Name: ARE W 20-09

API: 43-043-30286

Summit County, Utah

Perfs: 11,742' – 13,821'

The 20-09 was completed in the Nugget in 1988 and has cummed 590 MBO, 30.1 BCF, and 587 MBW. This well is currently SI with a conventional gas lift with a "go" system. Due to the structural position of this well (very high), Merit hopes to reactivate this well.

Well Name: ARE W 20-06

API: 43-043-30159

Summit County, Utah

Perfs: 13,008' – 13,860'

The 20-06 was completed in the Nugget in 1982 and has cummed 4.1 MBO, 81.8 BCF, and 152 MBW. This well is currently SI w/ 2-7/8" tbg in the hole w/ pkr at 12,898'. This well is in a good structural position within the field and based on the relatively low volumes of water this well has produced comparably, Merit hopes to reactivate this well.

Well Name: ARE W 20-08

API: 43-043-30123

Summit County, Utah

Perfs: 11,900' – 12,647' (OA)

The 20-08 was completed in the Nugget in 1981 and has cummed 534 MBO, 31.5 BCF, and 1.2 MMBW. This well is currently SI with a 2-7/8" poor boy gas lift system. The 20-08 has a conventional gas lift system with a hole punched in the tbg @ 10,250'. Due to the high structural positioning of this well, it is likely that this well will be further evaluated for water shut-off and reactivation.

Well Name: ARE W 20-12

API: 43-043-30220

Summit County, Utah

Perfs: 12,928' – 13,117'

The 20-12 was completed in the Nugget in 1983 and has cummed 5.6 MMBO, 127 BCF, and 742 MBW. This well is currently SI with a 2-3/8" conventional gas lift system. This well is in a good structural position in the field and exhibits SI pressures that would indicate remaining production potential given proper evaluation into water shut-off for reactivation.

PROBABLE P&A'S

Well Name: ARE W 16-14

API: 43-043-30096

Summit County, Utah

Perfs: 12,816' – 13,515'

The 16-14 was spud in March 1979 and brought online as a Nugget producer. The 16-14 IP'd @ 195 bopd, 940 mcfpd, and 5 bwpd. The ARE W 16-14 cummed 15 MBO, 5 BCF, and 50 MBW. Several zones were perf'd, acidized, produced, and then abandoned due to high water volumes. In addition, the 16-14 was converted numerous times from a producer to an injector and vice versa. There are not any active wells in section 16. The ARE W 16-14 would not prove to be the most beneficial reactivation candidate. With all of the combined pieces of information, Merit will proceed with the P&A of this well.

Well Name: ARE E 21-14

API: 43-043-30130

Summit County, Utah

Perfs: 10,880' – 11,650'

The 21-14 was originally completed in the Nugget in 1981 and has cummed 56 MBO, 722.5 BCF, and 258 BW. This well was plugged back and recompleted in the Twin Creek formation in 1991 due to poor production. Due to the extremely inferior positioning on the structure for this well, coupled with the fact that the Twin Creek does not appear to hold any future potential in this area either, Merit will likely proceed with the P&A of this well.

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.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ARE W20-08
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	9. API NUMBER: 43043301230000
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2202 FNL 1592 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 04.0N Range: 08.0E Meridian: S	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
	COUNTY: SUMMIT
	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 Approximate date work will start: 2/6/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="ReActivation"/>

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

Merit Energy Company plans to Reactivate the aforementioned well as described in the attached WBD and Procedure.

Approved by the Utah Division of Oil, Gas and Mining
Date: February 14, 2013
By: *D. K. Duff*

NAME (PLEASE PRINT) Arlene Valliquette	PHONE NUMBER 972 628-1558	TITLE Regulatory Manager
SIGNATURE N/A	DATE 2/5/2013	

ARE W 20-08
Sec. 20-T4N-R8E
Summit County, Utah
API #43-043-30123
9/7/2012

Reactivation and Plug-Back

Well Data

Tubing: 2-7/8", N-80, 6.5# & 2-3/8", N-80, 4.7#
Casing: 5-1/2" Liner f/ 9,423' - 13,678'
TD: 13,678'
PBSD: 12,625' (CICR)
Elevation: 7,383' KB 7,354' GL

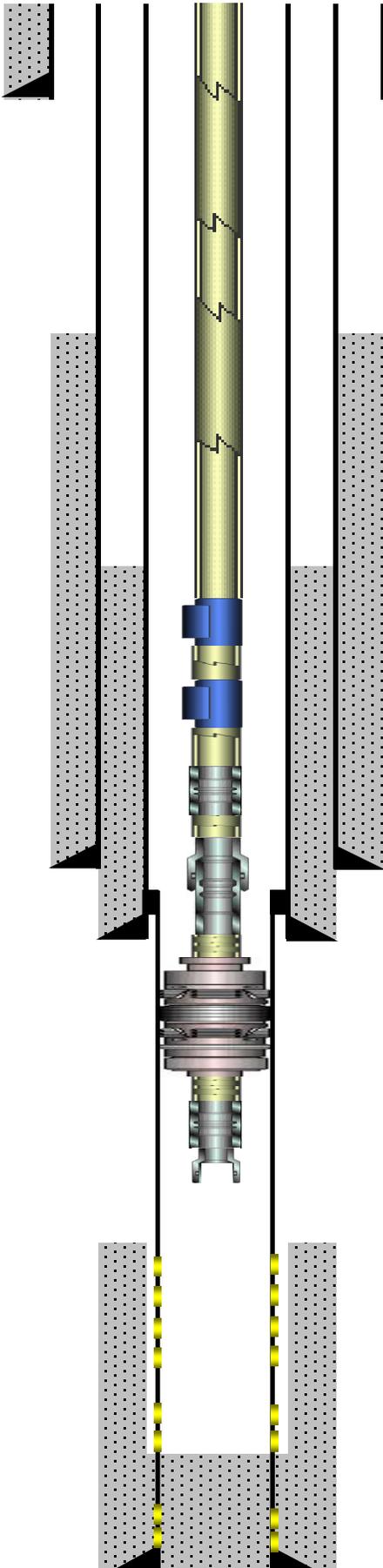
On/off tool
2-3/8" Pup Joint
ASI-X Packer set @ 11,852'
XN-nipple
WL Re-entry

Open Perforations:

Nugget 11,900' - 11,902', 11,936' - 11,938', 11,954' - 11,998', 12,023' - 12,052',
12,076' - 12,106', 12,130' - 12,140', 12,164' - 12,180', 12,206' - 12,232',
12,266' - 12,310', 12,342' - 12,358', 12,400' - 12,460', 12,486' - 12,504',
12,530' - 12,588', 12,613' - 12,622', 12,646' - 12,647'

Procedure

1. Test anchors, MI & set up all necessary equipment for job
2. MIRU PU, ND WH, NU BOP's, kill well w/ KCL water
3. Unset and TOOH w/ ASI-X pkr and 2-7/8" N-80 tbg standing back & LD BHA.
4. PU 5-1/2" csg bit & scraper on 2-7/8" string and TIH to C/O to ~12,300'
5. TOOH & LD BHA & MU & TIH w/ CIBP to set @ 12,250'.
6. Dump bail ~10' of cmt on top of CIBP.
7. MU new BHA to consist of:
 - a. ASI-X pkr set @ 11,852' w/ pup jt tail pipe
 - b. GL valves spaced out per design
8. Set pkr in tension and RDMO
9. Swab well in if necessary and load backside for gas lift.
10. PBOL and monitor well.



WELL NAME: ARE W20-08	FIELD: ANSCHUTZ RANCH EAST
QTR QTR: SEC: 20	TWN: 4N RNG: 8E
COUNTY: SUMMIT	ST: UT SPUD DATE: 12625
KB: 7383 GL: 7354 TD: 13678	PBD: 12625
LAST UPDATED: 09/07/12	BY: Kreg Hadley

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	61#	K-55	2250'
INTERMEDIATE	9-5/8"	36#		10658'
PRODUCTION	7"			
LINER	5-1/2"	20#	N-80	F/9423-13678

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				29.00
1 JT	2-7/8"	6.5#	N-80	57.05
PUP JT	2-7/8"	6.5#	N-80	65.22
PUP JT	2-7/8"	6.5#	N-80	73.30
255 JTS	2-7/8"	6.5#	N-80	8,001.00
GLV				8,007.98
42 JTS	2-7/8"	6.5#	N-80	9,333.55
GLV				9,340.58
78 JTS	2-7/8"	6.5#	N-80	11,806.15
X-NIPPLE				11,807.36
1 JT	2-7/8"	6.5#	N-80	11,838.98
XO				11,839.40
ON/OFF TOOL				11,841.07
PUP JT	2-3/8"		N-80	11,845.16
ASI-X PKR				11,852.45
PUP JT	2-3/8"		N-80	11,858.52
XN NIPPLE				11,859.77
WL REENTRY	2-3/8"		N-80	11,860.19

Based on 09/25/04 Pulling Report

WELL HISTORY:

03/19/81	Complete in Z1/Z2/Z3
Jul-83	Isolate Z3
Dec-84	Install 4-1/2" tubing
Oct-95	Re-open Z3
Jan-98	Squeeze Z3 and lower Z2
Jun-02	Acid soak to clean scale
Sep-04	Install 2-7/8" tubing and GLVs
Feb-08	Poor boy GL shot @ 10,250'

NUGGET PERFS

- 11900-902, 11936-938
- 11954-998, 12023-052
- 12076-106, 12130-140
- 12164-180, 12206-232
- 12266-310, 12342-358
- 12400-460, 12486-504
- 12530-588, 12613-622

NUGGET PERFS (PLUGGED BACK)

- 12646-647, 12647-680
- 12696-708, 12742-782
- 13050-574 (Cemented Ankareh perfs)

OTHER INFORMATION:

Two fish exist in the hole.
 Fish #1 @ +/- 13500: milled pkr w/ tailpipe and CIBP in sand.
 Fish #2 @ +/- 12650: 1' 2-7/8" tbg, XN nipple, 4' 2-7/8" pup jt and WL reentry guide. It is

Contacts

Foreman: Joe Sevenski (307) 783-2840
Operations Manager: Randy Sanders (307) 783-2603
Operations Engineer: Kreg Hadley (972) 628-1617



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2014

Certified Mail #7003 2260 0003 2358 6960

Arlene Valliquette
North Division Regulatory Manager
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, Texas 75240

43 043 30123
34 4N 7E

Subject: Oil and Gas General Conservation Rule R649-3-36 - Shut-in and Temporarily Abandoned Wells

Dear Ms. Valliquette:

The Division of Oil, Gas and Mining (Division) met with Merit Energy Company (Merit), at our offices, on April 26, 2012 to discuss long term plans for Merits' shut-in wells at Anschutz Ranch Field. The Division expressed its concerns regarding the number of shut-in wells Merit operated and the length of time wells have been shut-in. The Division discussed the importance to timely plugging shut-in wells that have no future value and submit extension sundries for shut-in wells that will not be immediately plugged or returned to production. Merit representatives at the meeting indicated they understood the Divisions' concerns. However, Merit required additional time for their engineer, newly assigned to this area, to review the shut-in well list to determine which wells should be returned to production and which wells should be plugged. Merit also needed to present the well review to management for budget approval.

Merit submitted, to the Division, a written 2013 Plugging and/or Reactivation Well Plan dated October 30, 2012. The plan stated Merit was in the process of applying for approval to convert the Champlin 372 Amoco C 1 well to a water disposal well. The plan committed to the plugging of the ARE W31-04E, ARE W31-12, ARE W16-12 and ARE W17-16 wells by the end of the 2012 calendar year. Merit also proposed probable reactivations of the ARE W20-09, ARE W20-06, ARE W20-08 and ARE W20-12 wells and probable plugging and abandonment of the ARE W16-14 and ARE E 21-14 wells. The results are listed below.

Champlin 372 Amoco C 1	Water Disposal Well application never submitted
ARE W31-04E	Plugged 1/9/2013
ARE W31-12	Plugged 1/21/2013
ARE W16-12	Plugged 12/3/2012
ARE W17-16	Plugged 11/16/2012
ARE W20-09	Reactivated April 2013
ARE W20-06	Never Reactivated
→ ARE W20-08	Never Reactivated
ARE W20-12	Never Reactivated
ARE W16-14	Plugged May 2014
ARE E21-14	Plugged April 2014



Ryan Huddleston from your office has indicated in recent conversations with Dustin Doucet that Merit is preparing to reactivate/plug 6-8 more shut-in wells. To date Merit has not submitted a written plan for Division approval.

Merit currently operates twenty-five (25) shut-in wells at Anschutz Ranch Field; see Compliance Attachment. Eleven (11) of the twenty-five total shut-in wells were added between January 2012 and January 2014. The Division has sent Merit several Shut-in and Temporary Abandonment Notices describing Rule 649-3-36 Shut-in and Temporarily Abandoned Well requirements. The Division denied shut-in extension requests for seven (7) wells due to insufficient information. The Division also issued Notices of Violation for ten (10) of the shut-in wells. Merit has not submitted shut-in extensions sundries for the eleven wells added between January 2012 and January 2014, or submitted additional required information for the seven denied shut-in extensions, or resolved the Notices of Violation.

The operator is responsible to file, yearly, for extended shut-in or temporary abandonment for wells shut-in or temporarily abandoned for a period of twelve (12) consecutive months. Merit must file a Sundry Notice providing the following information for each of the twenty-five wells listed on the Compliance Attachment; reasons for shut-in or temporarily abandonment of the well, length of time the well is expected to be shut-in or temporarily abandoned and an explanation and supporting data showing the well has integrity (R649-3-36.1). After review the Division will either approve the continued shut-in or temporarily abandoned status or require remedial action (R649-3-36.2). After five (5) years of non-activity or non-productivity, the well shall be plugged in accordance with R649-3-24, unless approval for extended shut-in time is given by the Division upon a showing of good cause by the operator (R649-3-36.3). Please note, thirteen (13) of the twenty-five wells listed on the Compliance Attachment have been shut-in over five (5) years.

Merit has until **June 30, 2014** to submit sundries, for the subject wells, in accordance with **Oil and Gas Conservation General Rule 649-3-36 Shut-in and Temporarily Abandoned Wells**.

Should Merit not meet shut-in and temporarily abandoned well requirements, the Division is prepared to file a Notice of Agency Action (NAA) for Commencement of Informal Adjudicative Proceedings (R649-10-3) for this matter in accordance with Oil and Gas Conservation General Rule R649-10 Administrative Procedures.

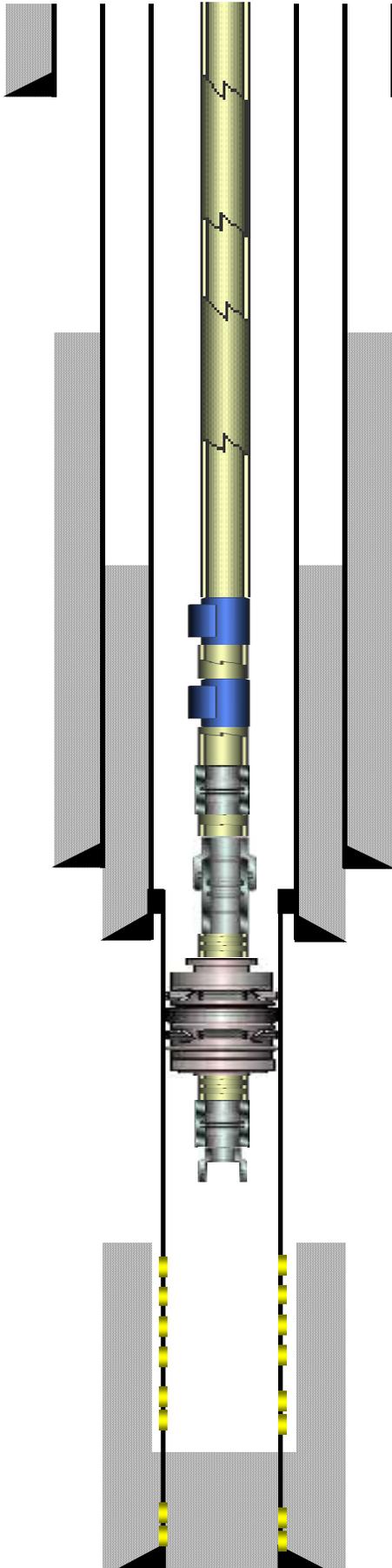
If you have any questions or need further assistance, please feel free to contact me at clintondworshak@utah.gov or 801-538-5280 or Dustin Doucet, Petroleum Engineer, at dustindoucet@utah.gov or 801-538-5281.

Sincerely,


Clinton Dworshak
Oil and Gas Compliance Manager

CLD/js
Enclosure: Compliance History

cc: John Rogers, O&G Associate Director
Dustin Doucet, Petroleum Engineer
Compliance File
Well Files



WELL NAME:	ARE W20-08	FIELD:	ANSCHUTZ RANCH EAST
QTR QTR:	SEC: 20	TWN:	4N RING: 8E
COUNTY:	SUMMIT	ST:	UT SPUD DATE:
KB:	7383 GL: 7354 TD: 13678	PBTD:	12625
API: 43-043-30123			
LAST UPDATED:	06/03/14	BY:	Max Berglund

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	61#	K-55	2250'
INTERMEDIATE	9-5/8"	36#		10658'
Tie back	7"	26#	N-80	9,423'
LINER	5-1/2"	20#	N-80	F/9423-13678

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				29.00
1 JT	2-7/8"	6.5#	N-80	57.05
PUP JT	2-7/8"	6.5#	N-80	65.22
PUP JT	2-7/8"	6.5#	N-80	73.30
255 JTS	2-7/8"	6.5#	N-80	8,001.00
GLV				8,007.98
42 JTS	2-7/8"	6.5#	N-80	9,333.55
GLV				9,340.58
78 JTS	2-7/8"	6.5#	N-80	11,806.15
X-NIPPLE				11,807.36
1 JT	2-7/8"	6.5#	N-80	11,838.98
XO				11,839.40
ON/OFF TOOL				11,841.07
PUP JT	2-3/8"		N-80	11,845.16
ASI-X PKR				11,852.45
PUP JT	2-3/8"		N-80	11,858.52
XN NIPPLE				11,859.77
WL REENTRY	2-3/8"		N-80	11,860.19

Based on 09/25/04 Pulling Report

WELL HISTORY:

03/19/81	Complete in Z1/Z2/Z3
Jul-83	RIH with reatiner squeeze and CO to 12,950 Isolate 13,050'-13,574 w
Dec-84	Install 4-1/2" tubing
Oct-95	Re-open Z3, mill BP and runtubing with packer with sliding sleeve at 1
Jan-98	Squeeze Z3 and lower Z2
Jun-02	Acid soak to clean scale
Sep-04	Install 2-7/8" tubing and GLVs set CIBP at 12,625'
	No work since 2004

NUGGET PERFS

11900-902, 11936-938
 11954-998, 12023-052
 12076-106, 12130-140
 12164-180, 12206-232
 12266-310, 12342-358
 12400-460, 12486-504
 12530-588, 12613-622
 12646-647

OTHER INFORMATION:

Two fish exist in the hole.
 Fish #1 @ +/- 13500: milled pkr w/ tailpipe and CIBP in sand.
 Fish #2 @ +/- 12650: 1' 2-7/8" tbg, XN nipple, 4' 2-7/8" pup jt
 and WL reentry guide. It is

NUGGET PERFS (PLUGGED BACK)

12647-680, 12696-708
 12742-782
 13050-574 (Cemented Ankareh perfs)

ARE W 20-08

API #: 43-043-30123

Current Status: Shut-in

Future Plan: Return to Production (RTP)

Reason: Well is high on structure and down dip from 20-09. Rig work planned to RTP this well. A production log from 2004 shows most production is from the top four sets of perf's. Pull tubing, swab test and set CIBP (expected around 12,060' +/-) for water isolation. Will use this log and well results to revisit 20-09.

Preliminary Procedure: MIRU work over rig. Pull tubing, inspect and lay down bad joints. Trip scraper. Run RBP and packer, correlate on depth with wire line, and swab test in two stages for one day each or enough time to determine viability of each stage. From swab test determine final setting depth of CIBP. RIH and set CIBP, per swab test (expected around 12,060' +/-). Run well on production with gas or plunger, as dictated by swab results.

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: FEE	
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST	
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: ARE W20-08	
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		9. API NUMBER: 43043301230000	
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2202 FNL 1592 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 04.0N Range: 08.0E Meridian: S		COUNTY: SUMMIT	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/27/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Merit Energy Company plugged back and re-perforated the upper Nugget Sandstone from 12023-12052, 11974-11998, 11954-11974 4SPF on the aforementioned well. Please see attached Daily Summary for details.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 21, 2014			
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst	
SIGNATURE N/A		DATE 11/20/2014	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: ARE W 20 08

Accounting ID 7632-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330123	Lease ARE- West	Unit Name
Working Interest (%) 59.62	Original KB Elevation (ft)	SAP Latitude 41.0685500000	SAP Longitude -111.0604800000	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group Anschutz Ranch Unit	Producing Status Producing

Job Category Completion/Workover	Primary Job Type Workover	Job Start Date 7/7/2014	Job End Date
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Daily Operations

Report Start Date 7/17/2014	Primary Activity MIRU	AFE Number 034574
Operations Summary SITP Opsi / SICP Opsi, MIRU support equipment, N/D well head N/U BOPs, P/U landing jt, P/U on hanger / pkr / string wt# 78K, find travel 80-82K work right turn straight pull several times, ASI-X 10K pkr released 32K over pull, L/D landing jt, hanger, 2 jts 2 7/8" 6.5 EUE tbg, secure well SDON.		
Report Start Date 7/18/2014	Primary Activity TOH 2 7/8" tbg/ TIH Bit scrapper	AFE Number 034574
Operations Summary SIP Opsi, TOH 2 7/8" 6.5# EUE N80 tbg, P/U 4 5/8" 4 blade bit 5 1/2" csg scrapper TIH 2 3/8" tbg, EOT 2500, secure well SDON.		
Report Start Date 7/19/2014	Primary Activity TIH 2 3/8" 4 5/8" bit/ 5 1/2" scraper	AFE Number 034574
Operations Summary SIP Opsi TIH 4 5/8" 4 blade bit, 5 1/2" csg scraper, XN nipple, 290 jts 2 3/8" 4.7# EUE N80 tbg, EOT 9198' secure well SDON.		
Report Start Date 7/20/2014	Primary Activity TIH Bit csg scraper/ TOH Bit scraper	AFE Number 034574
Operations Summary SIP Opsi, TIH 98 jts 2 3/8" 4.7# EUE N80 tbg depth 12300' MD, L/D 4 jts 2 3/8" tbg TOH stand back 192 stands 2 3/8" tbg, secure well SDON.		
Report Start Date 7/21/2014	Primary Activity TIH RBP/PKR run collar strip E line	AFE Number 034574
Operations Summary SIP Opsi, P/U XN nipple, PKR, 6' pup jt, RBP, TIH 192 stands 2 3/8" 4.7# N80 EUE tbg, set RBP @ 12248'MD, PUH stand back 12 stands 2 3/8" tbg, to 11505'MD, R/U E line set KB 17.60 zero @ ground level, RIH 1.68 O.D ccl locator correlate back to cement bond log Anschutz ranch East, W20-08, summit county, sec 20, twp 4N, rge 8E, date 2/20/81, tie into collars run collar strip 11450'WLM to 11750'WLM make 10' correction KB corr -15.00', FL 5000' POH, TIH 12 stands 2 3/8" tbg, latch onto and reset RBP @ 12244'MD, POH stand back 3 stands 2 3/8" tbg P/U 4', pup, 6' pup, set PKR @ 12062'MD, R/U swab equipment make 7 runs recovered 26 bbls, EFL 6050'secure well SDON.		
Report Start Date 7/22/2014	Primary Activity Swab test zone #1	AFE Number 034574
Operations Summary SITP 20psi / SICP Opsi, R/U swab equipment tag FL 6100' pull from 8000' made 14 runs, recovered 81 bbls, 1% oil cut, no gas cut, EFL 8250'		
Report Start Date 7/23/2014	Primary Activity Swab test zone #2	AFE Number 034574
Operations Summary (Swab zone #1 SITP Opsi / SICP Opsi, R/U swab equipment tag FL 6100' R/D swab equipment,) Swab zone #2 release PKR, TIH 3 stands 2 3/8" 4.7# EUE N80 tbg, latch up on RBP release PUH set RBP @ 12061' L/D 4' pup, 6' pup, 5 jts 2 3/8" tbg, set PKR @ 11884' R/U swab equipment tag FL 6500' made 16 runs, recovered 101.5 bbls, 0 oil cut, 0 gas cut, EFL 6600', secure well SDON.		
Report Start Date 7/24/2014	Primary Activity Swab test zone #2	AFE Number 034574
Operations Summary SIP 0/0, R/U swab equipment FL 6600' made 12 runs, recovered 75.5 bbls, 0 oil cut, 0 gas cut, EFL 6500', secure well SDON.		
Report Start Date 7/25/2014	Primary Activity POOH 2 3/8" tbg / TIH 2 3/8" tbg	AFE Number 034574
Operations Summary SIP 0/0 R/U swab equipment tag FL 6600' R/D swab equipment, Release PKR, TIH 3 stands 2 3/8" 4.7# EUE N80 tbg latch up on RBP release POOH L/D tools, TIH 2 3/8" tbg, land hanger EOT @ 11856', N/D BOPs, N/U well head SI well SDWO.		
Report Start Date 7/28/2014	Primary Activity RDMO	AFE Number 034574
Operations Summary RDMO		
Report Start Date 8/13/2014	Primary Activity MIRU	AFE Number 034574
Operations Summary SIP Opsi, R/U rig spot support equipment, N/D well head N/U Bops, P/U landing jt, L/D Hanger, 6' pup, xover 2 3/8" pin x 2 7/8" box , secure well SDON.		
Report Start Date 8/14/2014	Primary Activity Set CICR	AFE Number 034574
Operations Summary SIP Opsi, TOH 187 stands 2 3/8" 4.7# EUE N80 tbg, P/U CICR 4.50 OD, TIH CICR, stinger, 187 stands 2 3/8" tbg, P/U 14 jts 2 3/8" 4.7# EUE N80 tbg, set CICR @ 12250' FL 6000', secure well SDON		
Report Start Date 8/15/2014	Primary Activity Pump cmt plug	AFE Number 034574
Operations Summary SIP Opsi, Shoot FL 4000' MIRU cmt equipment, pump 50bbls 2 % KCL down tbg to clear tbg,pump 5bbls fresh water go to cmt, mix & pump 22 sxs class G cmt 1.15 yield 14.2# slurry of 4.5bbls down tbg, pump 7bbls fresh water flush, change over to 2% KCL pump 33bbls to displ tbg, TOH stand back 192 stands 2 3/8" 4.7# EUE N80 tbg, L/D stinger, shoot FL 6100' P/U slotted spud sub, TIH 191 stands tag TOC @ 12141' 10 in on jt 384, R/U cmt equipment pump 50bbls 2 % KCL clear tbg, 5bbls fresh water, go to cmt, mix & pump 20 sxs class G cmt 1.15 yield 14.2# slurry of 4.0bbls down tbg, pump 5bbls fresh water, change over 2% KCL pump 34bbls displ catch pressure at end 200-300 psi, TOH see some pull over 4K, stand back 128 stands 2 3/8" tbg, hock up rig pump to csg pump 50bbls 2% KCL 2.5 bpm for hydro static down hole squeeze cmt, EOT @ 4024' pump 20bbls 2 % KCL down tbg clear tbg, secure well SDON.		



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: ARE W 20 08

Accounting ID 7632-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330123	Lease ARE- West	Unit Name
Working Interest (%) 59.62	Original KB Elevation (ft)	SAP Latitude 41.0685500000	SAP Longitude -111.0604800000	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group Anschutz Ranch Unit	Producing Status Producing

Daily Operations

Report Start Date 8/16/2014	Primary Activity Tag cmt plug / swab	AFE Number 034574
Operations Summary SITP 0psi SICP 30psi, TIH 126 stands 2 3/8" 4.7# EUE N80 tbg, tag TOC 10' in jt 378 @ 11942' shoot FL 1200', load hole 47 bbls 2% KCL, break CIRC up tbg, 50 bbls get bottoms up, pressure test to 1000psi 15 min down hole, TOH stand back 189 stands 2 3/8" 4.7# EUE N80 tbg, haul in 360 bbls 2% KCL, secure well SDFDO.		
Report Start Date 8/18/2014	Primary Activity TIH Drill out cmt	AFE Number 034574
Operations Summary SIP 0psi, P/U Drill out BHA 4 5/8" rock bit, Bit sub 2 7/8" reg x 2 7/8" pac, (4) DC, Xover 2 7/8" pac x 2 3/8" EUE, TIH 187 stands 2 3/8" 4.7# EUE N80 tbg, R/U power swivel, pump 10 bbl 2 % KCL 2.5 bpm 800 psi discharge, break CIRC down csg flow up tbg, 2-4 points down on bit, 1800 torque, PUH check pull over not to get stuck during drill out, drill out to 12065'WD (Note; last 30' didn't see much drill out fell through pump pressure 800 psi still seeing good returns circ hole clean,) R/D power swivel, L/D 5jts 2 3/8" tbg, TOH stand back 50 stands 2 3/8" EOT @ 8775' secure well SDON.		
Report Start Date 8/19/2014	Primary Activity Perforate upper zones	AFE Number 034574
Operations Summary SIP well on strong vacuum, TOH stand back 136 stands 2 3/8" 4.7# EUE N80 tbg, L/D Xover, (4) drill collars, bit sub 4 5/8" rock bit, R/U Warrior RIH 1st gun run correlate back to cement bond log Anschutz ranch East, W20-08, summit county, sec 20, twp 4N, rge 8E, date 2/20/81, tie into collars run collar strip, (perorate 12,023'-12,052' 11974'-11998' 11954'-11974' 4spf 90 dag phasing,) R/D Warrior, P/U ASI -1X 10K PKR, XN nipple 1.875 profile W 1.79 No Go, TIH 50 stands 2 3/8" tbg kill string EOT @ 3222', secure well SDON		
Report Start Date 8/20/2014	Primary Activity TIH w/ PKR & swab	AFE Number 034574
Operations Summary SITP=0#, SICP=0#. TIH w/ tbg, set ASI -1X 10K PKR @ 11,863' corrected depth & start swabbing w/ IFL @ 3,900'. Worked FL down to 8,000' before coming up & ending @ 7,400'. Started seeing gas w/ 40.5 bbls recovered, made a total of 10 swab runs recovering a total of 55.5 bbls today. Secured the well & SDON.		
Report Start Date 8/21/2014	Primary Activity Swabbing	AFE Number 034574
Operations Summary SITP=200#, SICP=0#. Start swabbing w/ IFL @ 6,170', made a total of 18 swab runs recovering a total of 94.5 bbls today for a total of 150 bbls recovered (no oil cut) w/ EFL @ 9,000'. Secured the well & SDON.		
Report Start Date 8/22/2014	Primary Activity Swabbing	AFE Number 034574
Operations Summary SITP=80#, SICP=0#. Start swabbing w/ IFL @ 6,170', made a total of 12 swab runs recovering a total of 64.5 bbls today for a total of 216.5 bbls recovered (no oil cut) w/ EFL @ 8,720'. Secured the well & SDOW.		
Report Start Date 8/25/2014	Primary Activity POH work string	AFE Number 034574
Operations Summary SITP 80 psi / SICP 0/vac, TOH stand back 89 stands 2 3/8" 4.7# EUE N80 tbg, L/D XN nipple, ASI-1X arrow set PKR, TIH 30 stands 2 3/8" tbg kill sting EOT @ 1958' SDON.		
Report Start Date 8/26/2014	Primary Activity TIH Production BHA, GLVs 2 3/8" tbg	AFE Number 034574
Operations Summary SIP 0psi, TOH stand back 30 stands 2 3/8" 4.7# EUE N80 TBG, R/U Hydro testor, P/U Rentry Guide, XN nipple 1.875 profile W/ 1.790 NoGo, 6' 2 3/8" pup, ASI-1X 5 1/2 20# 10K PKR 1.93 ID, 6' 2 3/8" pup, X nipple 1.875 profile, 1 jt 2 3/8" tbg, TIH GLV #1, 22 jts 2 3/8" tbg, GLV #2, 22 jts 2 3/8" tbg, GLV #3, 22 jts 2 3/8" tbg, GLV #4 30 jts 2 3/8" tbg, GLV #5, 36 jts 2 3/8" tbg, GLV #6, 240 jts 2 3/8" 4.7# EUE N80 tbg hydro test to 7000psi, R/D Hydro testor, set PKR @ 11866' 12K compression, EOT @ 11884', R/D floor, N/D BOPs N/U well head, secure well SDON.		
Report Start Date 8/27/2014	Primary Activity RDMO	AFE Number 034574
Operations Summary Final report RDMO		