

REMARKS: WELL LOG ELECTRIC X FILE X WATER SANDS LOCATION OIL SUB. REPORT/abd.

Well name change 2-9-83

841217 oper. chg from Anschutz Corp to Amoco Prod. Co.
 860516 oper. chg. from Amoco Prod. to Amoco Rockmount.
 1960723 FROM GILW TO GAS PRODUCER Per Sundry Recd 7-22-96

DATE FILED 9-1-81 7-14-86 (UIC application filed)

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

DRILLING APPROVED: ~~10-2-81~~ ~~10-20-82~~ 8-26-86 (UIC application approved)

SPUDED IN: 11-9-81 9-1-86 (Injection commenced)

COMPLETED: 12-19-82 POW PUT TO PRODUCING: 12-19-82

INITIAL PRODUCTION: 830 BOPD, 3907 MCF, 63 BWPD

GRAVITY A.P.I.

GOR: 4707

PRODUCING ZONES: 12,662 - 13,740 ngsd

TOTAL DEPTH: 13,919

WELL ELEVATION: 7718 ~~KS~~

DATE ABANDONED:

FIELD: Nugget

UNIT: ANSCHUTZ RANCH EAST

COUNTY: Summit

WELL NO. Anschutz Ranch East Unit W30-08A

API 43-043-30183

LOCATION 2109' ~~FWL~~ FT. FROM (N) (S) LINE, 665' ~~FWL~~ FT. FROM (E) (W) LINE, SENE 1/4-1/4 SEC. 30

BH: 1930' ~~FWL~~

730' ~~FWL~~

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
4N	8E	30	AMOCO ROCKMOUNT CO.				

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

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILLS SANDS LOCATION INSPECTED SUB REPORT/abd

Well name change 2-9-83

111011

DATE FILED 9-1-81
 LAND FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN
 DRILLING APPROVED 10-2-81
 SPUN IN 11-9-81
 COMPLETED 12-19-82 P.O.W. PUT TO PRODUCING 12-19-82
 INITIAL PRODUCTION 830 BOPD, 3907 MCF, 63 BWPD
 GRAVITY API
 GOR 4707
 PRODUCING ZONES 12,668 - 13,740 ngsd
 TOTAL DEPTH 13,919
 WELL ELEVATION 7718
 DATE ABANDONED
 FIELD ~~Undesignated~~ Anschutz Ranch East
 UNIT
 COUNTY Summit
 WELL NO Anschutz Ranch East #8-30U-A Unit "W30-08" APINO. 43-043-30183
 LOCATION 2109' FT FROM (N) LINE 665 FT FROM (E) LINE SE NE 1/4 - 1/4 SEC 30

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				4N	8E	30	Rockmount Amoco Production Co THE ANSCHUTZ CORP.

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaita Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
PROESS 9320	Dakota	Park City	McCracken
PROESS SALT 10,440	Burro Canyon	Rico (Goodridge)	Aneth
TWIN CREEK 10,666	Cedar Mountain	Supai	Simonson Dolomite
NUGGET 12,303	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	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIPLEX		

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

SUBMIT IN TRIPLICATE*
(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.

8-30U-A

10. Field and Pool, or Wildcat

Undesignated

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

30-4N-8E

12. County or Parrish 13. State

Summit, UT

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 St., Suite 2400, Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface **2109' FNL 665' FEL (SENE)**

At proposed prod. zone **Pursuant to cause No. 183-2**

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

16 mi. S SW of Evanston, WY

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

665'

16. No. of acres in lease

640

17. No. of acres assigned to this well

160

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

19. Proposed depth

13,300

20. Rotary or cable tools

Rotary

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

7686' GR

22. Approx. date work will start*

10-1-81

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2"	13 3/8		4,500	To surface
12 1/4	9 5/8		11,300	1,000 <i>5% cover salt</i>
8 1/2	7		TD	2 stg to surface

This well will be drilled to a total depth of 13,300 to test the Chinle formation, TD 200' below tip of Chinle or base of Nugget formation. BOP and Mud programs will be those generally used. Electric logs will be run to TD. Cores are planned for the Nugget. DST will be run at the discretion of the geologist. Casing will be run through the production intervals. Fracing/or acidizing may be required to stimulate production. Blanket bond is on file.

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed **Robert C. Orman**

Title **Operations Coordinator** Date **9-1-81**

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title.....
Conditions of approval, if any:

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

DATE: 10-2-81

BY: *M. J. Minder*

NW Corner

4N

R 8E

NE Corner

new
8-26-81

RECEIVED

MAY 20 1985

DIVISION OF OIL
GAS & MINING

2109'

665

30

Anschutz 8-30 UA Well

THIS WELL IS LOCATED IN AN AREA OF OVERLAPPING SURVERS
WITH MOST OF THE ORIGINAL SECTION CORNERS BEING LOST.
THIS LOCATION AS STAKED IS CONTINGENT UPON THE ORIGINAL
SURVEY BEING CONDUCTED AS THE SURVEYOR STATED AND IT
TAKING PRECIDENCE OVER THE LATER OVERLAPPING SURVEY.

SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊖ Found Stone - Set Brass Cap
- Hub and Tack
- ▽ Cal. Cor

SW Corner

SE Corner

I, Loyal D Olson III of Evanston, Wyoming certify that in accordance with
 a request from Rob Orman of Denver Colorado for the
Anschutz Corp I made a survey on the 12 day of Aug, 1981 for
 Location and Elevation of the Anschutz 8-30 UA Well as shown on the above
 map, the wellsite is in the SW 1/4 Meridian of Section 30, Township 4N,
 Range 8E of the Salt Lake Base, Summit County, State of Utah,
 Elevation is 7686 Feet top of hub Datum U.S.G.S Quadrangle - Porcupine

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

Loyal D. Olson III
 REGISTERED LAND SURVEYOR
 No. 4954
 LOYAL D. OLSON III, R.L.S. NO. 4954
 UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

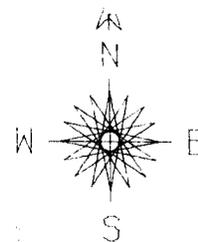
8/17/81

DATE: Aug 14 81
 JOB NO.: 81-20-3 (Book 15)

NL SPERRY-SUN INCORPORATED

HORIZONTAL PROJECTION

NO WELLS HAVE BEEN EXTRAPOLATED



CUST. THE ANSCHUTZ CORPORATION

JOB. NO. BOSS-15553

START TVD. = 0

SCALE IS 60 FEET/INCH

COURSE LENGTH = 100

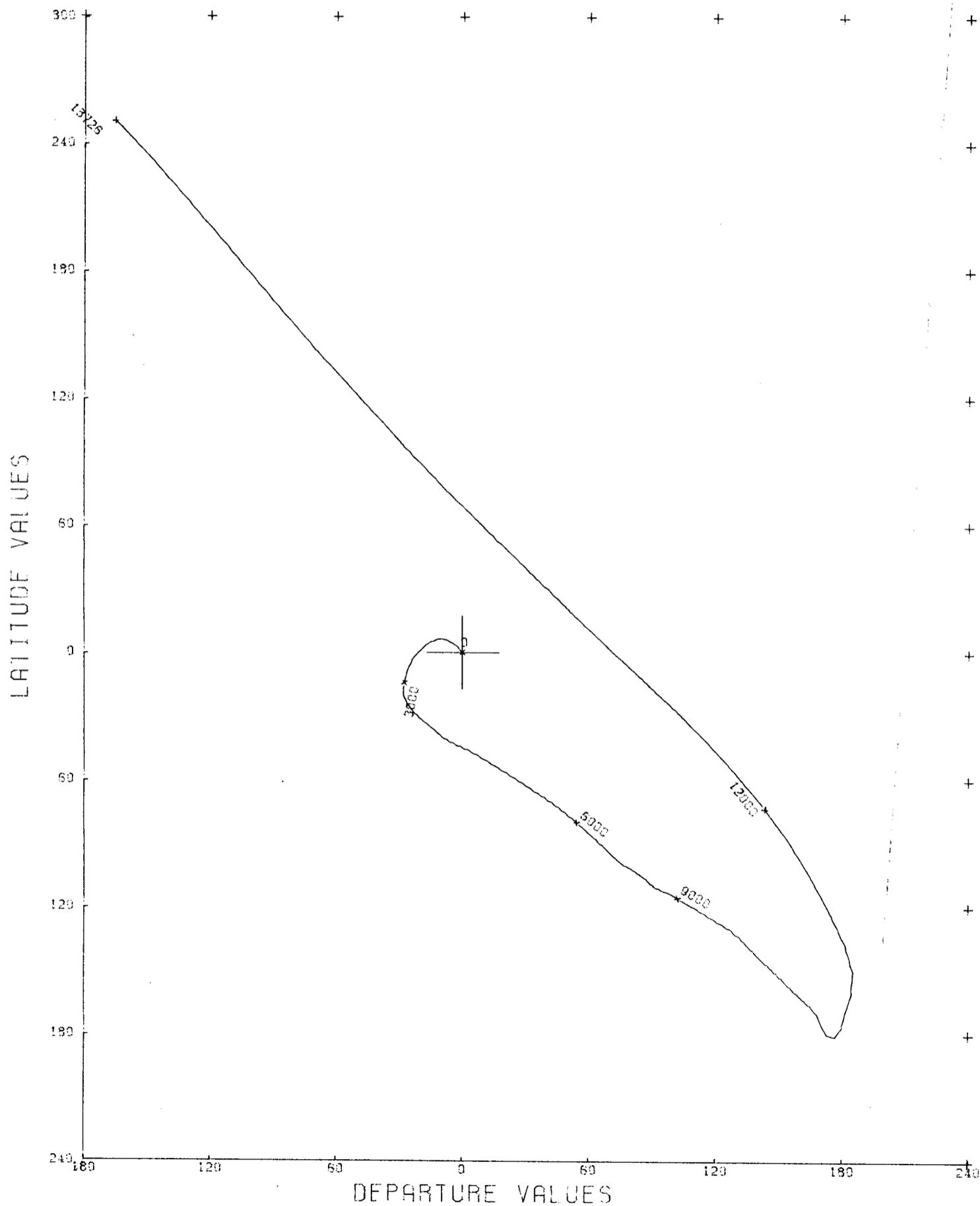
REF. IS. 8-30A A.R.E

DATE. 11-3-82

FINISH TVD. = 13726

AXIS IS TRUE NORTH

PLOTTED VALUES SHOWN ARE TRUE VERTICAL DEPTHS



NL SPERRY-SUN INCORPORATED

VERTICAL PROJECTION

NO WELLS HAVE BEEN EXTRAPOLATED

CUST. THE ANSCHUTZ CORPORATION

JOB. NO. B055-15553

START MD. = 0

SCALE IS 1800 FEET/INCH

COURSE LENGTH = 100

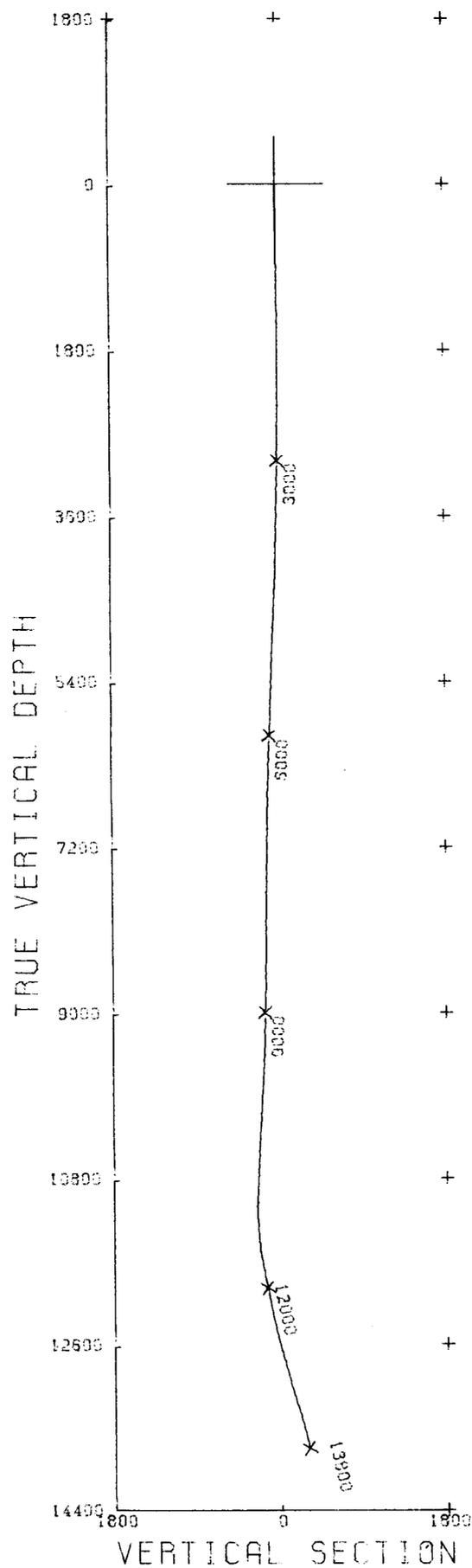
REF. IS. 8-30A A. R. E

DATE. 11-3-82

FINISH MD. = 13800

V. S. AZM. = 327.00

PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



DATE: Sept. 30, 1981

OPERATOR: The Anschutz Corp.

WELL NO: Anschutz Ranch East #8-304-A

Location: Sec. 30 T. 4N R. 8E County: Summit

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-043-30183

CHECKED BY:

Petroleum Engineer: M.J. Minder 10-2-81

Director: _____

Administrative Aide: ok as per order below,

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 183-2, 4-10-80

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

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 2, 1981

The Anschutz Corp.
555 17th St., STE. #2400
Denver, Colo. 80202

RE: Well No. Anschutz Ranch East #8-30U-A,
Sec. 30, T. 4N, R. 8E,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 183-2, dated April 10, 1980.

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 - Petroleum Engineer
Office: 533-5771
Home: 876-3001

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 this well is 43-043-30183.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: OGM

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 type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR The Anschutz Corporation</p> <p>3. ADDRESS OF OPERATOR 555 17th Street, Suite 2400, Denver, Colorado</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2109 FNL, 665 FEL</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 Anschutz Ranch East</p> <p>9. WELL NO. 8-30 UA</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec 30 T4N R8E</p>
<p>14. PERMIT NO. 43--43-30183</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7686 GR (est)</p>	<p>12. COUNTY OR PARISH Summit</p> <p>13. 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>Well Report</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.)*

11/9/81 SPUD at 0300 hours

12/25/81 Ran 13 3/8" CSG to 4651'

2/28/82 Drilling ahead at 10,156'

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

SIGNED Mark T. Burdick TITLE Asst. Div. Eng. DATE 3/10/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR The Anschutz Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2400 Anaconda Tower, Denver, CO 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 2109' FNL 7 665' FEL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43 043 30183		9. WELL NO. 8-30UA
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7686 GR (est)		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 30 T4N R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

3/1/82 Drilling ahead @ 10,211'.

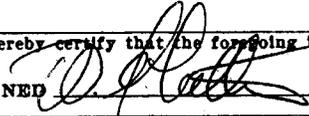
3/12/82 Logged with Schlumberger @ 10,430'.

3/18/82 Ran 9 5/8" csg to 10,755'.

3/24/82 Plug back from 10911' to 10793'.

3/31/82 Drilling ahead with mud motor @ 10,909'.

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

SIGNED  TITLE Drlg & Prod Mgr DATE 4-21-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED
APR 19 1982

DIVISION OF
OIL, GAS & MINING

Anschutz Corp.
COMPANY

8-30U-A
WELL NAME

Anschutz Ranch East
LOCATION

JOB NUMBER

TYPE OF SURVEY

DATE

Gyroscopic Survey

21-Mar-82

SURVEY BY Lynn Alexander
John Wright

OFFICE Casper, Wy.

COMPANY: ANSCHUTZ CORP.
WELL NO.: 8-30U-A
LOCATION: ANSCHUTZ RANCH EAST
FILE NO.: 008
DATE: 21-MAR-82
ELEVATION: 7686
RIG: BRINK/SGNL #40
TYPE: GYRO
SEC BEARING: N/A
JOB NO.:
VENDOR: WSR
SURVEYOR: WRIGHT/ALEXANDER

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL



DIRECTION: N 82 DEG. 57 MIN. E

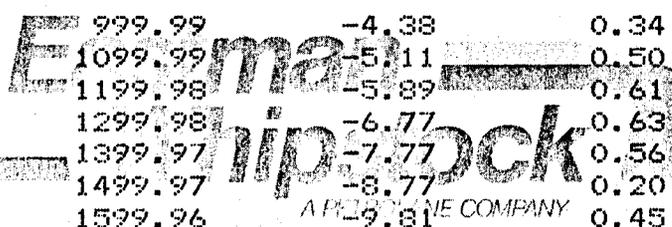
RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

COMPANY: ANSCHUTZ CORP.
 WELL NO.: S-30U-A
 LOCATION: ANSCHUTZ RANCH EAST

COMPUTATION PAGE NO. 1
 TIME DATE
 15:36:20 24-MAR-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET	DOG LEG SEVERITY DG/100FT
0.	0 0	0	0.00	0.00	0.00 0.00	0.00
100.	0 20	S 79 W	100.00	-0.29	0.05 S 0.29 W	0.34
200.	0 15	N 80 W	200.00	-0.82	0.06 S 0.82 W	0.13
300.	0 13	S 89 W	300.00	-1.22	0.02 S 1.23 W	0.05
400.	0 16	N 49 W	400.00	-1.60	0.12 N 1.63 W	0.18
500.	0 10	S 85 W	500.00	-1.93	0.23 N 1.98 W	0.19
600.	0 14	N 79 W	599.99	-2.28	0.25 N 2.33 W	0.09
700.	0 12	S 78 W	699.99	-2.66	0.24 N 2.72 W	0.09
800.	0 23	S 88 W	799.99	-3.18	0.19 N 3.23 W	0.19
900.	0 20	N 80 W	899.99	-3.80	0.24 N 3.86 W	0.08
1000.	0 21	N 81 W	999.99	-4.38	0.34 N 4.47 W	0.03
1100.	0 31	N 74 W	1099.99	-5.11	0.50 N 5.23 W	0.17
1200.	0 24	S 89 W	1199.98	-5.89	0.61 N 6.03 W	0.18
1300.	0 37	N 87 W	1299.98	-6.77	0.63 N 6.92 W	0.21
1400.	0 31	S 79 W	1399.97	-7.77	0.56 N 7.92 W	0.16
1500.	0 39	S 58 W	1499.97	-8.77	0.20 N 8.88 W	0.25
1600.	0 41	S 53 W	1599.96	-9.81	0.45 S 9.84 W	0.07
1700.	0 40	S 46 W	1699.95	-10.80	1.20 S 10.74 W	0.09
1800.	0 44	S 48 W	1799.95	-11.82	2.04 S 11.65 W	0.08
1900.	0 41	S 42 W	1899.94	-12.84	2.92 S 12.56 W	0.09
2000.	0 47	S 33 W	1999.93	-13.78	3.94 S 13.37 W	0.15
2100.	0 55	S 31 W	2099.92	-14.75	5.20 S 14.17 W	0.13
2200.	1 9	S 28 W	2199.90	-15.86	6.76 S 15.08 W	0.24
2300.	1 15	S 33 W	2299.88	-17.19	8.57 S 16.16 W	0.14
2400.	1 22	S 27 W	2399.85	-18.61	10.55 S 17.33 W	0.18
2500.	1 18	S 21 W	2499.83	-19.87	12.68 S 18.30 W	0.16
2600.	1 24	S 15 W	2599.80	-20.93	14.92 S 19.06 W	0.18
2700.	1 33	S 16 W	2699.77	-21.98	17.40 S 19.79 W	0.15
2800.	1 30	S 11 W	2799.73	-22.98	19.98 S 20.43 W	0.16
2900.	1 41	S 8 W	2899.69	-23.82	22.72 S 20.90 W	0.21
3000.	1 42	S 6 W	2999.65	-24.59	25.68 S 21.27 W	0.05
3100.	1 51	S 1 W	3099.60	-25.22	28.77 S 21.48 W	0.22
3200.	1 49	S 5 E	3199.55	-25.53	31.97 S 21.35 W	0.23
3300.	1 49	S 27 E	3299.50	-25.05	35.01 S 20.44 W	0.68
3400.	1 47	S 36 E	3399.45	-23.75	37.72 S 18.75 W	0.29
3500.	1 43	S 41 E	3499.40	-22.16	40.10 S 16.82 W	0.18



3600.	1 20	S 49 E	3599.36	-20.53	41.96 S	14.92 W	0.44
3700.	1 15	S 51 E	3699.34	-19.00	43.40 S	13.17 W	0.09
3800.	1 28	S 48 E	3799.31	-17.40	44.94 S	11.34 W	0.23
3900.	1 42	S 44 E	3899.27	-15.67	46.07 S	9.33 W	0.26
4000.	1 53	S 48 E	3999.22	-13.73	49.05 S	7.07 W	0.22
4100.	2 11	S 49 E	4099.16	-11.39	51.39 S	4.38 W	0.31
4200.	2 16	S 41 E	4199.08	-9.01	54.11 S	1.61 W	0.33
4300.	2 13	S 52 E	4299.00	-6.55	56.76 S	1.25 E	0.44
4400.	2 39	S 54 E	4398.91	-3.50	59.28 S	4.67 E	0.45
4500.	2 47	S 64 E	4498.80	0.23	61.68 S	8.77 E	0.51
4600.	2 51	S 61 E	4598.68	4.30	63.89 S	13.19 E	0.16
4700.	3 10	S 59 E	4698.54	8.50	66.47 S	17.79 E	0.34
4800.	3 34	S 57 E	4798.37	13.06	69.53 S	22.82 E	0.40
4900.	3 32	S 53 E	4898.17	17.68	73.01 S	27.95 E	0.26
5000.	3 7	S 59 E	4998.00	22.04	76.22 S	32.81 E	0.52
5100.	2 48	S 58 E	5097.87	26.07	78.88 S	37.24 E	0.33
5200.	2 45	S 49 E	5197.75	29.57	81.70 S	41.17 E	0.43
5300.	2 31	S 53 E	5297.65	32.75	84.56 S	44.77 E	0.28
5400.	2 36	S 58 E	5397.55	36.06	87.10 S	48.47 E	0.24
5500.	2 35	S 53 E	5497.44	39.45	89.65 S	52.24 E	0.19
5600.	2 44	S 52 E	5597.34	42.76	92.43 S	55.96 E	0.16
5700.	2 40	S 51 E	5697.22	46.04	95.34 S	59.68 E	0.07
5800.	2 30	S 55 E	5797.12	49.30	98.01 S	63.34 E	0.26
5900.	2 38	S 43 E	5897.02	52.28	100.92 S	66.76 E	0.58
6000.	2 35	S 50 E	5996.92	55.14	104.03 S	70.07 E	0.31
6100.	2 34	S 43 E	6096.82	57.96	107.11 S	73.34 E	0.30
6200.	2 47	S 42 E	6196.71	60.66	110.53 S	76.55 E	0.22
6300.	2 23	S 44 E	6296.60	63.31	113.81 S	79.67 E	0.41
6400.	2 6	S 37 E	6396.53	65.45	116.77 S	82.24 E	0.40
6500.	1 57	S 44 E	6496.46	67.39	119.44 S	84.57 E	0.28
6600.	1 43	S 41 E	6596.41	69.25	121.79 S	86.77 E	0.26
6700.	1 39	S 41 E	6696.37	70.89	123.99 S	88.73 E	0.06
6800.	1 30	S 47 E	6796.33	72.54	125.95 S	90.67 E	0.23
6900.	1 23	S 41 E	6896.30	74.06	127.75 S	92.46 E	0.18
7000.	1 7	S 57 E	6996.27	75.51	129.17 S	94.12 E	0.43
7100.	1 21	S 42 E	7096.25	76.94	130.57 S	95.75 E	0.40
7200.	1 12	S 56 E	7196.23	78.42	132.02 S	97.45 E	0.35
7300.	1 18	S 47 E	7296.20	79.94	133.38 S	99.18 E	0.23
7400.	1 19	S 54 E	7396.17	81.52	134.84 S	100.97 E	0.18
7500.	1 16	S 51 E	7496.15	83.14	136.21 S	102.79 E	0.10
7600.	1 25	S 42 E	7596.12	84.62	137.84 S	104.51 E	0.26
7700.	1 23	S 43 E	7696.09	86.02	139.64 S	106.18 E	0.05
7800.	1 20	S 44 E	7796.06	87.43	141.36 S	107.84 E	0.06
7900.	1 6	S 34 E	7896.04	88.55	143.02 S	109.20 E	0.32

Esso
Shiprock
 A PETROLANE COMPANY

8000.	0 55	S 41 E	7996.02	89.45	144.42 S	110.30 E	0.23
8100.	0 45	S 47 E	8096.01	90.33	145.46 S	111.33 E	0.18
8200.	1 0	S 41 E	8196.00	91.25	146.57 S	112.41 E	0.26
8300.	0 51	S 48 E	8295.99	92.22	147.72 S	113.55 E	0.19
8400.	1 4	S 40 E	8395.97	93.22	148.92 S	114.73 E	0.26
8500.	1 11	S 54 E	8495.95	94.47	150.25 S	116.18 E	0.31
8600.	1 24	S 57 E	8595.93	96.15	151.51 S	118.05 E	0.22
8700.	1 36	S 42 E	8695.89	97.90	153.20 S	120.05 E	0.44
8800.	1 30	S 51 E	8795.86	99.62	155.05 S	122.04 E	0.28
8900.	1 50	S 50 E	8895.81	101.63	156.88 S	124.32 E	0.33
9000.	1 56	S 52 E	8995.76	103.92	158.92 S	126.91 E	0.12
9100.	1 57	S 48 E	9095.70	106.24	161.06 S	129.55 E	0.14
9200.	1 53	S 60 E	9195.64	108.68	163.01 S	132.29 E	0.38
9300.	2 29	S 55 E	9295.57	111.60	165.06 S	135.52 E	0.62
9400.	2 56	S 50 E	9395.46	114.94	167.91 S	139.29 E	0.49
9500.	3 14	S 55 E	9495.31	118.79	171.13 S	143.61 E	0.42
9600.	3 22	S 56 E	9595.14	123.10	174.34 S	148.42 E	0.14
9700.	3 12	S 51 E	9694.98	127.23	177.72 S	153.05 E	0.36
9800.	3 21	S 49 E	9794.82	131.08	181.37 S	157.45 E	0.19
9900.	3 15	S 41 E	9894.65	134.58	185.44 S	161.55 E	0.48
10000.	3 26	S 40 E	9994.48	137.76	189.88 S	165.36 E	0.19
10100.	4 17	S 46 E	10094.25	141.67	194.79 S	169.99 E	0.94
10200.	4 12	S 39 E	10193.97	145.94	200.19 S	175.05 E	0.49
10300.	4 12	S 43 E	10293.70	150.02	205.67 S	179.93 E	0.25
10400.	3 31	S 43 E	10393.43	153.94	210.57 S	184.56 E	0.69
10500.	2 53	S 48 E	10493.32	157.39	214.45 S	188.59 E	0.69
10600.	2 31	S 47 E	10593.21	160.46	217.59 S	192.12 E	0.37
10700.	2 33	S 35 E	10693.11	162.93	220.91 S	195.07 E	0.56
10730.	2 58	S 36 E	10723.07	163.60	222.08 S	195.91 E	1.34

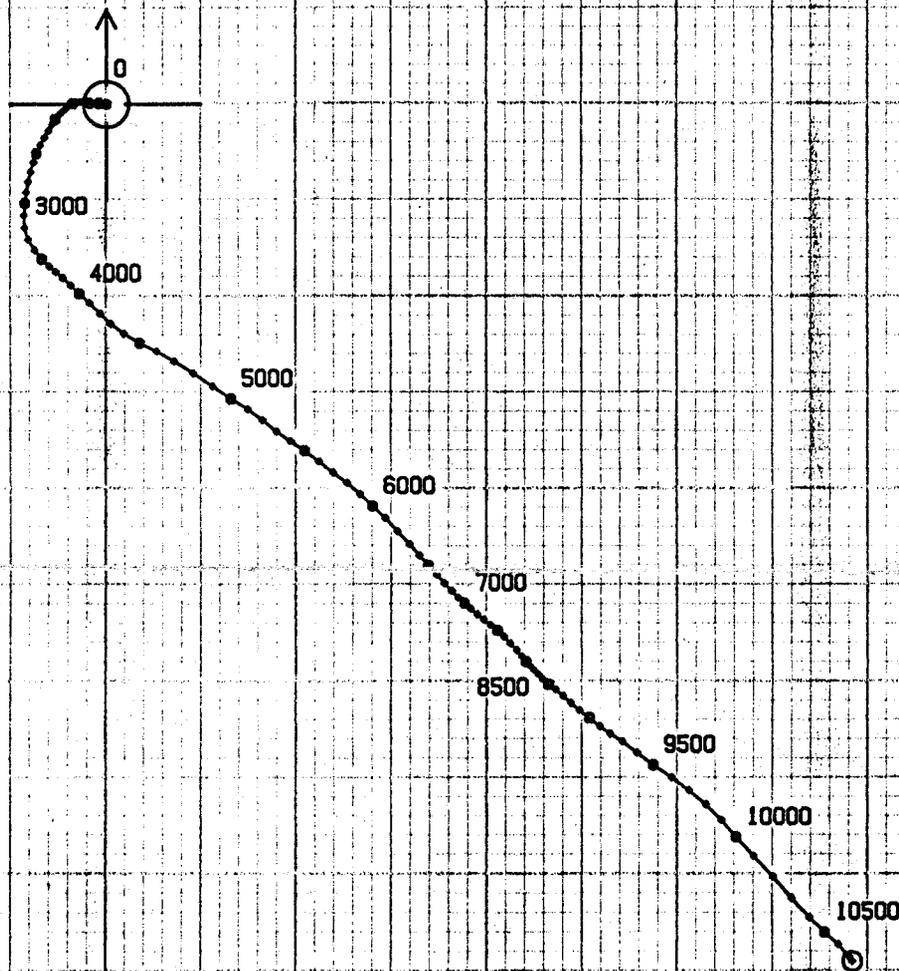
FINAL CLOSURE - DIRECTION: S 41 DEGS 25 MINS E
DISTANCE: 296.15 FEET

COMPANY: ANSCHUTZ CORP.
WELL NO.: 8-30U-A
LOCATION: ANSCHUTZ RANCH EAST

HORIZONTAL PROJECTION

SCALE 1 IN. = 50 FEET
DEPTH INDICATOR: MD

EASTMAN WHIPSTOCK, INC.



FINAL STATION:
DEPTH 10730 MD. 10723.07 TVD
SOUTH 222.08 EAST 195.91
CLOSURE 296.14 S 41 25 2 E

THE ANSCHUTZ CORP.
8-30A

BOSS-15553
11-3-82

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0	N 0 0 E	0 0	0.00	0.00 N	0.00 E	0.00	0.00
100	N 41 24 W	0 23	100.00	0.26 N	0.24 W	0.34	0.39
200	N 59 0 W	0 17	200.00	0.64 N	0.68 W	0.90	0.14
300	N 32 48 W	0 30	299.99	1.14 N	1.13 W	1.57	0.27
400	N 26 6 W	0 35	399.99	1.91 N	1.66 W	2.51	0.09
500	N 43 18 W	0 23	499.99	2.57 N	2.20 W	3.35	0.20
600	N 51 18 W	0 19	599.98	2.99 N	2.65 W	3.95	0.09
700	N 55 54 W	0 30	699.98	3.41 N	3.23 W	4.62	0.18
800	N 52 36 W	0 31	799.98	3.93 N	3.94 W	5.44	0.03
900	N 57 0 W	0 37	899.97	4.49 N	4.74 W	6.35	0.11
1000	N 71 6 W	0 31	999.97	4.92 N	5.61 W	7.19	0.17
1100	N 57 36 W	0 40	1099.96	5.39 N	6.52 W	8.08	0.21
1200	N 68 54 W	0 42	1199.96	5.91 N	7.60 W	9.13	0.14
1300	N 73 12 W	0 36	1299.95	6.29 N	8.68 W	10.02	0.12
1400	N 56 48 W	0 32	1399.94	6.47 N	9.73 W	10.75	0.15
1500	S 79 6 W	0 38	1499.94	6.40 N	10.81 W	11.29	0.15
1600	S 70 12 W	0 48	1599.93	6.06 N	12.01 W	11.67	0.20
1700	S 69 24 W	0 48	1699.92	5.58 N	13.32 W	11.99	0.01
1800	S 63 0 W	0 45	1799.91	5.03 N	14.56 W	12.22	0.10
1900	S 61 0 W	0 49	1899.90	4.39 N	15.77 W	12.35	0.08
2000	S 56 0 W	0 47	1999.89	3.66 N	16.96 W	12.40	0.08
2100	S 47 0 W	0 58	2099.88	2.71 N	18.13 W	12.25	0.23
2200	S 44 18 W	1 7	2199.86	1.44 N	19.42 W	11.91	0.16
2300	S 48 48 W	1 5	2299.84	0.13 N	20.81 W	11.57	0.09
2400	S 40 18 W	1 10	2399.82	1.27 S	22.17 W	11.16	0.18
2500	S 31 54 W	1 12	2499.80	2.93 S	23.38 W	10.44	0.18
2600	S 27 0 W	1 14	2599.78	4.78 S	24.42 W	9.48	0.11
2700	S 23 36 W	1 19	2699.76	6.73 S	25.37 W	8.32	0.11
2800	S 18 48 W	1 26	2799.73	9.01 S	26.23 W	6.94	0.17
2900	S 13 18 W	1 31	2899.69	11.47 S	26.92 W	5.27	0.16
3000	S 9 36 W	1 35	2999.66	14.12 S	27.47 W	3.36	0.13
3100	S 8 42 N	1 31	3099.62	16.79 S	27.90 W	1.36	0.08
3200	S 6 42 E	1 33	3199.58	19.52 S	27.93 W	-0.89	0.44
3300	S 27 6 E	1 37	3299.54	22.20 S	27.12 W	-3.57	0.58
3400	S 32 18 E	1 37	3399.50	24.65 S	25.72 W	-6.39	0.15
3500	S 37 36 E	1 23	3499.47	26.81 S	24.22 W	-9.01	0.27
3600	S 46 30 E	1 1	3599.45	28.38 S	22.84 W	-11.09	0.41
3700	S 44 18 E	1 1	3699.43	29.63 S	21.57 W	-12.83	0.04
3800	S 48 48 E	1 6	3799.41	30.90 S	20.23 W	-14.63	0.12
3900	S 50 30 E	1 26	3899.39	32.33 S	18.54 W	-16.75	0.23

THE ANSCHUTZ CORP.
8-30A

BOSS-15553
11-3-82

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
4000	S 53 18 E	1 35	3999.35	33.95 S	16.47 W	-19.25	0.18
4100	S 48 42 E	1 45	4099.31	35.78 S	14.21 W	-22.03	0.21
4200	S 48 48 E	1 52	4199.26	37.87 S	11.83 W	-25.07	0.13
4300	S 50 54 E	2 8	4299.20	40.12 S	9.15 W	-28.43	0.29
4400	S 63 42 E	2 22	4399.12	42.21 S	5.85 W	-31.99	0.55
4500	S 65 0 E	2 29	4499.03	44.04 S	2.04 W	-35.62	0.12
4600	S 67 0 E	2 37	4598.93	45.85 S	2.04 E	-39.37	0.17
4700	S 59 30 E	3 5	4698.80	48.11 S	6.46 E	-43.69	0.59
4800	S 58 48 E	3 8	4798.65	50.89 S	11.11 E	-48.58	0.07
4900	S 58 12 E	3 5	4898.50	53.70 S	15.75 E	-53.50	0.06
5000	S 59 12 E	2 59	4998.36	56.47 S	20.27 E	-58.29	0.12
5100	S 57 18 E	2 29	5098.25	58.97 S	24.33 E	-62.61	0.51
5200	S 58 48 E	2 28	5198.15	61.25 S	27.98 E	-66.52	0.07
5300	S 55 34 E	2 14	5298.07	63.47 S	31.42 E	-70.27	0.27
5400	S 57 6 E	2 19	5397.98	65.67 S	34.72 E	-73.93	0.11
5500	S 57 24 E	2 19	5497.90	67.86 S	38.12 E	-77.62	0.02
5600	S 54 36 E	2 19	5597.82	70.11 S	41.46 E	-81.34	0.11
5700	S 54 42 E	2 25	5697.73	72.50 S	44.83 E	-85.19	0.11
5800	S 58 36 E	2 11	5797.65	74.85 S	48.08 E	-88.94	0.24
5900	S 49 18 E	2 23	5897.57	77.34 S	51.19 E	-92.74	0.27
6000	S 51 48 E	2 14	5997.49	79.90 S	54.30 E	-96.59	0.19
6100	S 47 12 E	2 14	6097.41	82.42 S	57.26 E	-100.32	0.13
6200	S 48 48 E	2 25	6197.32	85.13 S	60.27 E	-104.24	0.19
6300	S 46 42 E	1 53	6297.25	87.65 S	63.05 E	-107.87	0.53
6400	S 46 0 E	1 46	6397.20	89.35 S	65.36 E	-110.99	0.12
6500	S 48 24 E	1 33	6497.15	91.82 S	67.48 E	-113.80	0.23
6600	S 44 30 E	1 31	6597.11	93.66 S	69.42 E	-116.40	0.11
6700	S 45 36 E	1 20	6697.08	95.41 S	71.17 E	-118.83	0.18
6800	S 46 54 E	1 11	6797.05	96.93 S	72.73 E	-120.96	0.15
6900	S 52 42 E	1 1	6897.04	98.17 S	74.21 E	-122.81	0.19
7000	S 50 12 E	0 56	6997.02	99.23 S	75.55 E	-124.43	0.09
7100	S 61 54 E	0 58	7097.00	100.16 S	76.93 E	-125.96	0.20
7200	S 59 30 E	0 56	7196.99	100.92 S	78.30 E	-127.36	0.14
7300	S 64 12 E	0 57	7296.97	101.65 S	79.67 E	-128.72	0.14
7400	S 59 12 E	1 12	7396.95	102.55 S	81.31 E	-130.37	0.27
7500	S 49 48 E	1 4	7496.93	103.69 S	82.93 E	-132.21	0.23
7600	S 57 12 E	0 59	7596.91	104.75 S	84.36 E	-133.89	0.16
7700	S 54 18 E	1 6	7696.89	105.78 S	85.86 E	-135.57	0.13
7800	S 53 32 E	0 46	7796.88	106.73 S	87.17 E	-137.09	0.34
7900	S 37 36 E	0 42	7896.86	107.61 S	88.07 E	-138.32	0.21

THE ANSCHUTZ CORP.
8-30A

BOSS-15533
11-3-82

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
8000	S 49 0 E	0 29	7996.86	108.37 S	88.76 E	-139.34	0.25
8100	S 57 36 E	0 34	8096.85	108.90 S	89.49 E	-140.19	0.11
8200	S 51 24 E	0 37	8196.84	109.50 S	90.32 E	-141.14	0.08
8300	S 39 12 E	0 34	8296.83	110.22 S	91.05 E	-142.14	0.13
8400	S 66 54 E	0 35	8396.82	110.80 S	91.84 E	-143.06	0.28
8500	S 70 24 E	0 52	8496.81	111.26 S	93.02 E	-144.09	0.27
8600	S 60 30 E	0 47	8596.80	111.85 S	94.33 E	-145.31	0.16
8700	S 72 12 E	1 6	8696.79	112.48 S	95.84 E	-146.67	0.36
8800	S 69 48 E	1 11	8796.76	113.13 S	97.72 E	-148.25	0.09
8900	S 60 48 E	1 29	8896.73	114.12 S	99.81 E	-150.22	0.36
9000	S 59 18 E	1 40	8996.70	115.49 S	102.19 E	-152.68	0.19
9100	S 53 54 E	1 46	9096.65	117.03 S	104.76 E	-155.38	0.09
9200	S 63 18 E	1 37	9196.60	118.45 S	107.33 E	-157.98	0.20
9300	S 57 54 E	2 12	9296.54	120.10 S	110.21 E	-160.95	0.62
9400	S 57 48 E	2 41	9396.45	122.27 S	113.82 E	-164.83	0.48
9500	S 58 42 E	2 46	9496.34	124.87 S	117.86 E	-169.14	0.10
9600	S 59 24 E	2 56	9596.21	127.43 S	122.13 E	-173.63	0.17
9700	S 58 42 E	2 56	9696.08	130.06 S	126.52 E	-178.25	0.04
9800	S 46 36 E	3 4	9795.94	133.23 S	130.65 E	-183.17	0.65
9900	S 44 18 E	3 4	9895.80	136.98 S	134.46 E	-188.40	0.12
10000	S 45 42 E	3 1	9995.66	140.73 S	138.21 E	-193.59	0.09
10100	S 45 18 E	3 42	10095.48	144.83 S	142.38 E	-199.31	0.69
10200	S 47 36 E	3 43	10195.27	149.28 S	147.06 E	-205.61	0.15
10300	S 45 30 E	3 47	10295.06	153.78 S	151.81 E	-211.98	0.16
10400	S 44 54 E	3 4	10394.87	157.99 S	156.05 E	-217.83	0.72
10500	S 48 54 E	2 31	10494.75	161.33 S	159.60 E	-222.57	0.59
10600	S 50 42 E	2 1	10594.67	163.88 S	162.61 E	-226.36	0.50
10700	S 41 54 E	2 20	10694.59	166.52 S	165.34 E	-230.06	0.46
10800	S 38 0 E	2 46	10794.50	169.94 S	168.19 E	-234.49	0.46
10900	S 13 36 E	3 7	10894.37	174.49 S	170.31 E	-239.46	1.29
11000	S 39 0 E	3 13	10994.22	179.31 S	172.72 E	-244.81	1.39
11100	N 77 18 E	2 38	11094.11	180.99 S	176.72 E	-248.41	3.12
11200	N 15 12 E	3 55	11193.97	177.18 S	179.85 E	-246.96	3.55
11300	N 14 30 E	4 11	11293.72	170.35 S	181.66 E	-242.26	0.26
11400	N 20 18 E	5 38	11393.35	162.22 S	184.28 E	-236.92	1.53
11500	N 4 24 W	6 56	11492.76	151.61 S	185.52 E	-228.74	2.97
11600	N 22 24 W	8 5	11591.91	139.08 S	182.37 E	-216.56	2.61
11700	N 27 30 W	10 11	11690.64	124.73 S	175.60 E	-200.85	2.25
11800	N 28 54 W	11 4	11788.92	108.48 S	166.88 E	-192.49	0.92
11900	N 32 48 W	11 25	11887.00	91.76 S	156.88 E	-169.02	0.83

THE ANSCHUTZ CORP.
8-30A

BOSS-15553
11-3-82

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
12000	N 38 0 W	11 15	11985.05	75.76 S	145.52 E	-143.41	1.03
12100	N 41 24 W	11 24	12083.10	60.66 S	132.98 E	-123.90	0.68
12200	N 42 24 W	10 59	12181.20	46.21 S	120.02 E	-104.70	0.46
12300	N 45 0 W	11 13	12279.33	32.30 S	106.72 E	-85.76	0.56
12400	N 48 18 W	12 32	12377.19	18.20 S	91.73 E	-65.74	1.48
12500	N 47 6 W	14 21	12474.44	2.54 S	74.55 E	-43.20	1.83
12600	N 46 30 W	15 7	12571.15	14.88 N	56.01 E	-18.45	0.78
12700	N 46 12 W	15 25	12667.62	33.06 N	36.96 E	7.21	0.30
12800	N 45 42 W	15 48	12763.92	51.76 N	17.63 E	33.47	0.41
12900	N 45 30 W	15 43	12860.16	70.76 N	1.79 W	60.03	0.10
13000	N 43 48 W	15 39	12956.44	89.99 N	20.79 W	86.54	0.46
13100	N 42 36 W	16 19	13052.58	110.07 N	39.63 W	113.68	0.74
13200	N 43 0 W	17 4	13148.36	131.14 N	59.14 W	142.01	0.77
13300	N 41 12 W	17 26	13243.86	153.14 N	79.02 W	171.32	0.64
13400	N 40 48 W	16 51	13339.41	175.38 N	98.35 W	200.54	0.59
13500	N 41 0 W	15 10	13435.53	196.22 N	116.40 W	227.88	1.69
13600	N 41 18 W	14 10	13532.26	215.28 N	133.06 W	252.97	0.99
13700	N 42 6 W	14 28	13629.16	233.75 N	149.51 W	277.44	0.36
13800	N 45 30 W	12 13	13726.45	250.43 N	165.44 W	300.14	2.39

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.
THE VERTICAL SECTION WAS COMPUTED ALONG N 33 27 W

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 300.14 FEET, IN THE DIRECTION OF N 33 27 W
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
2400 Anaconda Tower, Denver, CO 80202

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

14. PERMIT NO.
43-043-30183.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7686 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.
8-30UA

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 30 T4N R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

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

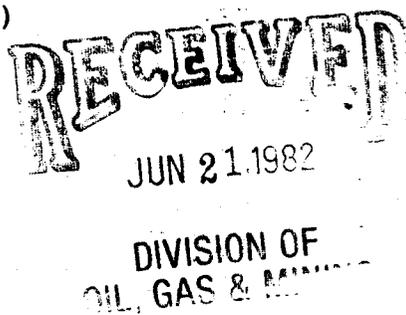
5/1/82 Wash and ream in Nugget formation

5/17/82 Drilling Ankareh @ 13,769'

5/23/82 Logging with Schlumberger @ 13,919' (TD)

5/25/82 Ran 7" csg to TD.

5/26/82 Rig Released at 0600



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

SIGNED [Signature] TITLE Drilling Manager DATE June 15, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 1 (Other instructions on reverse side) FE- re-

Form approved.
Budget Bureau No. 42-R1424.

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.

8-30UA

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec 30 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

RECEIVED

2. NAME OF OPERATOR
The Anschutz Corporation

MAY 20 1985

3. ADDRESS OF OPERATOR
2400 Anaconda Tower Denver, CO 80202

DIVISION OF OIL
GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)
At surface
2109' FNL and 665' FEL

14. PERMIT NO.
43-043-30183

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7086 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.)*

Released Rotary Rig @ 0600 hrs on 5/26/82. Will move in a completion rig and attempt to complete this well in the Nugget Formation in the near future.

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

SIGNED *[Signature]*

TITLE Drlg Manager

DATE 6/28/82

(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

September 13, 1982

Anschutz Corporation
Att: Mark Buckland
2400 Anaconda Tower
555 Seventeenth Street
Denver, Colorado 80202

Re: Well No. Anschutz Ranch East #6-20U
Well No. Anschutz Ranch East #16-20U
Sec. 20, T. 4N, R. 8E.
Summit County, Utah
(March - August 1982)

Well No. Anschutz Ranch East #8-30UA
Sec. 30, T. 4N, R. 8E.
Summit County, Utah
(May- August 1982)

Well No. Anschutz Ranch East #16-30U
Sec. 30, T. 4N, R. 8E.
Summit County, Utah
(March- August 1982)

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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist



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

September 29, 1982

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

Attention: Cari Furse

Dear Ms. Furse

In regards to your notice dated September 13, 1982, the following wells have finished drilling on the dates shown:

ARE 6-20U	-	12/30/81	These are all located in sections
ARE 16-20U	-	8/29/81	20 and 30; T4N R8E, Summit County,
ARE 8-30UA	-	5/26/82	Utah.
ARE 16-30A	-	12/23/81	

Our records show that all sundries were submitted up to rig release date and all rigs released were shown on the final sundry notices for each well. As we intend to complete these wells, all sundries to show intent have been filed 9-17-82.

If you have any questions, please contact me at (303) 825-6100.

Sincerely yours,

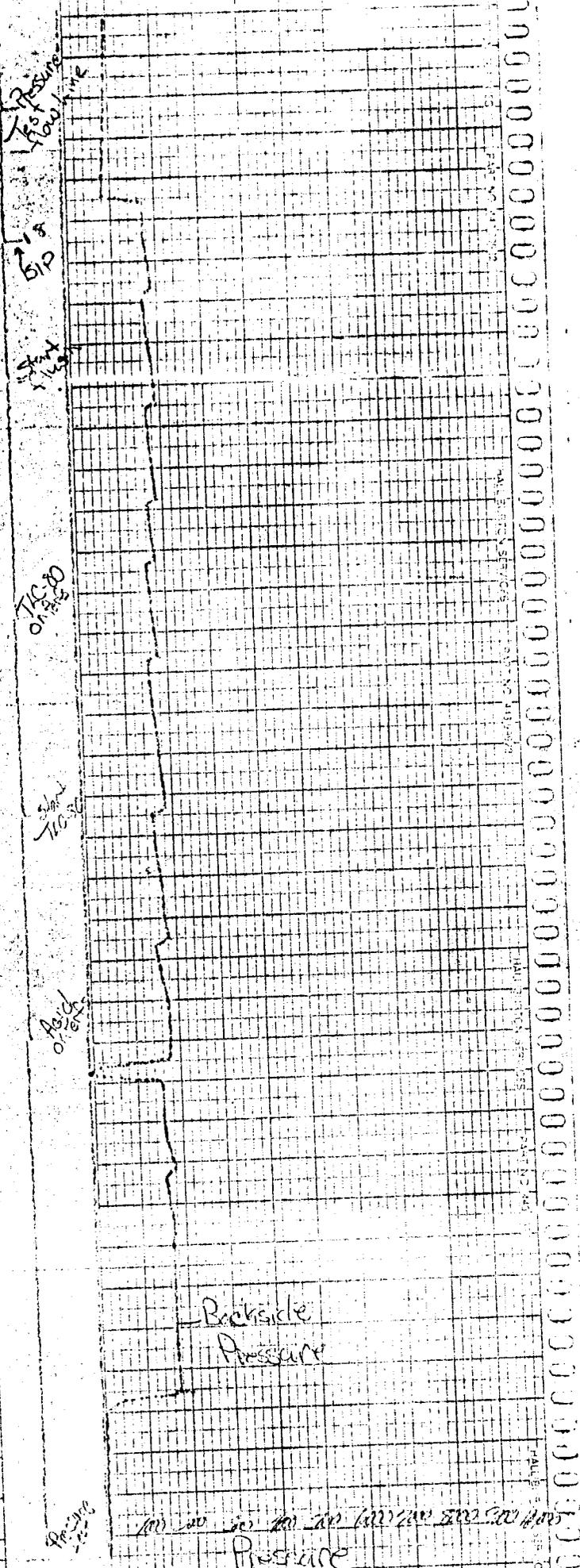
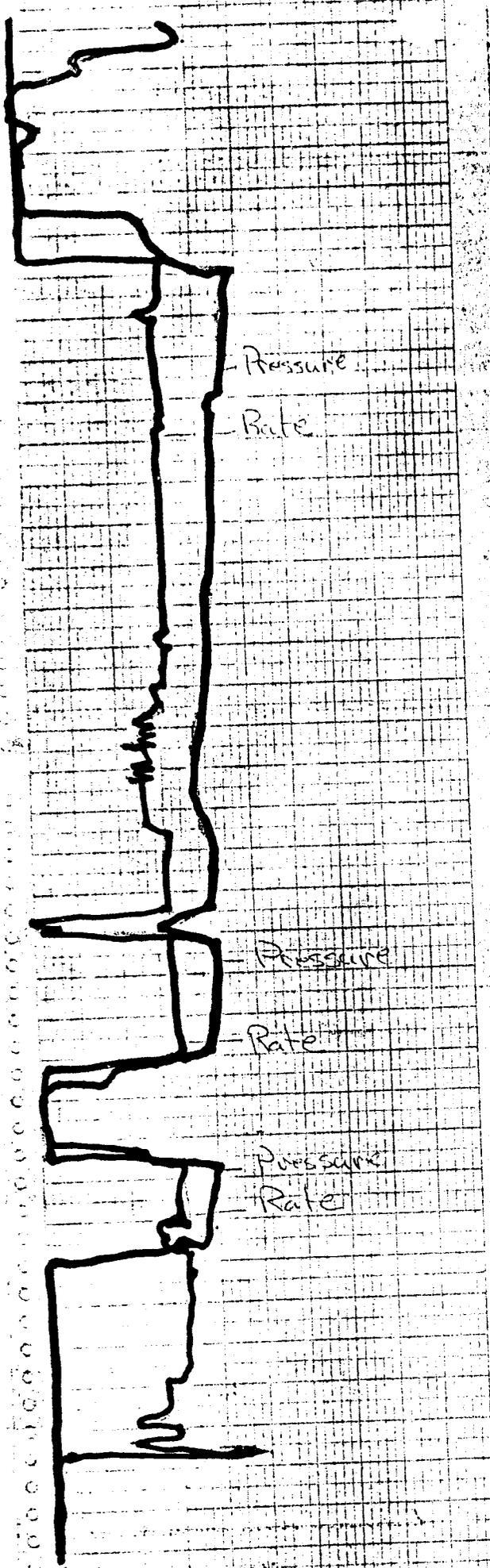
Mark Buckland
Jr. Drilling Engineer

MB/ahs

RECEIVED

OCT 04 1982

DIVISION OF
OIL, GAS & MINING



100 200 300 400 500 600 700 800 900 1000
 Pressure
 1 2 3 4 5 6 7 8 9 10
 Rate

Incoats Corp
 Well No. 364229
 Max. Pressure 4000 psi
 Max. Rate 3.5 BPM
 152-310

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. NAME OF OPERATOR
THE ANSCHUTZ CORPORATION

3. ADDRESS OF OPERATOR
2400 Anaconda Tower, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 665' FEL and 2109' FNL
 At top prod. interval reported below 2169' S and 815' W
 At total depth 1930' N and 730' W

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.
8-30UA

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 30 T4N R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

14. PERMIT NO. 43-043-30183 DATE ISSUED 11-9-81

15. DATE SPUNDED 11-9-81 16. DATE T.D. REACHED 5-26-82 17. DATE COMPL. (Ready to prod.) 12-19-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7718 KB 19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD & TVD 13,919' 21. PLUG, BACK T.D., MD & TVD 13,835' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY T.D. 24. PRODUCING INTERVAL(S) OF THIS COMPLETION TOP, BOTTM, NAME (MD AND TVD)* 13706-740', 13610-656', 13510-550', 13396-440', 13328-350', 13278-298', 12232-52', 13166-206', 13082-140', 13033-058', 12974-13008', 12816-896', 12662-792'

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Velocity, CBG, CET, DIL, Neutron Density, CNL/FDC, Sonic, Dipmeter, 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68 + 72	4651	17 1/2	(1) 2000 sx (2) 2000 sx	
9-5/8"	43.5 + 62.8	10755	12 1/4	900 sx	
7"	26 + 32	13919		(1) 700 sx (2) 1000 sx	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	12495	12495

31. PERFORATION RECORD (Interval, size and number)
(see 24) 4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13390-740	20,000 gal 15% HCL
13166-13298	20,000 gal 15% HCL
12974-13180	20,000 gal 15% HCL
12662-12896	3900 gal 15% HCL, 15000 gal 96 mud acid

33.* PRODUCTION

DATE FIRST PRODUCTION 12/19/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/17/82	48	24/64	→	1660	7813	126	4707

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1625	--	→	830	3907	63	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Ted 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 Hobbs TITLE Drilling Engineer DATE 1-6-83

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

INSTRUCTIONS

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

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS																
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.															
Nugget	12303	13769	Sandstone, No cores or DSTs															
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">MEAS. DEPTH</th> <th style="width: 25%;">TEDE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Pruess</td> <td style="text-align: center;">9320</td> <td style="text-align: center;">9315</td> </tr> <tr> <td>Pruess Salt</td> <td style="text-align: center;">10440</td> <td style="text-align: center;">10393</td> </tr> <tr> <td>Twin Creek</td> <td style="text-align: center;">10666</td> <td style="text-align: center;">10658</td> </tr> <tr> <td>Nugget</td> <td style="text-align: center;">12303</td> <td style="text-align: center;">12279</td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TEDE VERT. DEPTH	Pruess	9320	9315	Pruess Salt	10440	10393	Twin Creek	10666	10658	Nugget	12303	12279
NAME	MEAS. DEPTH	TEDE VERT. DEPTH																
Pruess	9320	9315																
Pruess Salt	10440	10393																
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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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2110' FNL & 675' FEL</p> <p>14. PERMIT NO. <u>43-043-30183</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Anschutz Ranch East</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. W30-08 A</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec. 30, T4N, R8E</p> <p>12. COUNTY OR PARISH Summit</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, ST, OR, etc.) 7718' KB 7686' GL</p>		

RECEIVED
DEC 21 1984
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" 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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" 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.)*

The top two (2) producing intervals: 12662'-12680' and 12706'-12740'; were cement squeezed with 100 sx of class H cement at 1000 psi. The following intervals: 12849'-12888', 12961'-12988', 13082'-13140', 13154'-13180', 13192'-13260', 13609'-13622', and 13632'-13648' were re-perforated for production. The purpose of this workover was to improve vertical conformance and increase reservoir sweep efficiency.

Approved by: Ron Firth Utah Oil & Gas Commission, per telecon 12-17-84 with Al Anderson Amoco Production Company.

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

SIGNED *Kenn E. Frazier* TITLE District Engineer DATE 12-17-84

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

MAY 09 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT ASSIGNMENT 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 2110' FNL & 675' FEL		8. FARM OR LEASE NAME W30-08
14. PERMIT NO. 43-043-30183		9. WELL NO. W30-08 A
15. ELEVATIONS (Show whether of, to, or, etc.) 7686' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR S.E. AND SUBST OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SMOOT OR ACIDISE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SMOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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Improve vertical conformance

Cement squeeze: 12,662' - 12,680'
 12,706' - 12,740'

Perforate: 12,321' - 12,333'
 12,344' - 12,371'
 12,400' - 12,494'
 12,511' - 12,526'
 12,538' - 12,550'
 12,560' - 12,590'

Start Date 5/21/85

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5/16/85
BY: John R. Daza

18. I hereby certify that the foregoing is true and correct
SIGNED Vern E. Proter TITLE District Engineer DATE 5/6/85

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.

8-30UA

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec 30 T4N R3E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
2400 Anaconda Tower Denver, CO

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

2109' FNL and 665' FEL

14. PERMIT NO.
43-043-30183

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7686' GR

RECEIVED

MAY 20 1985

DIVISION OF OIL
GAS & MINING

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) <u>Monthly Report</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.)*

- 4/1/82 Trip in hole to 10,953'
- 4/28/82 Drilling Nugget formation at 12,304'
- 4/30/82 Wash and ream at 12,372'

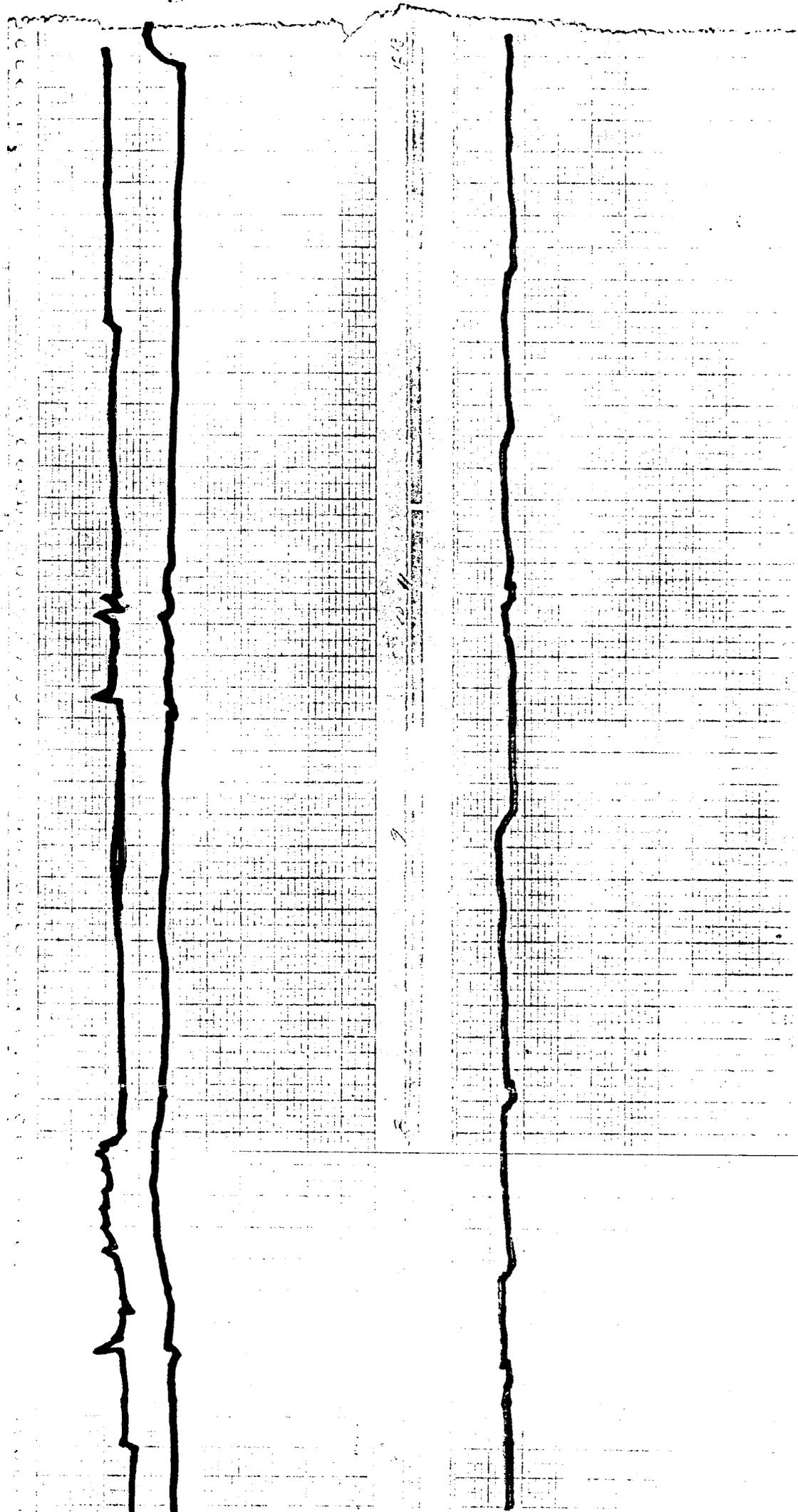
18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



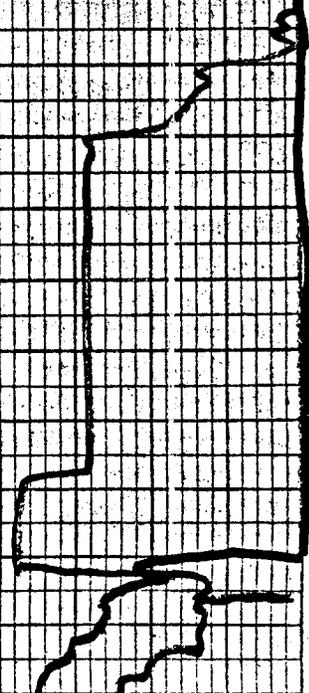
11/17/82

ANSCHUTZ COOP.
11/17/82
CALL # B-30 P
BASE ANSCHUTZ KITCH
1000 PLYM 1576 HVC
KITCH N.2
TRAIL # 304 231

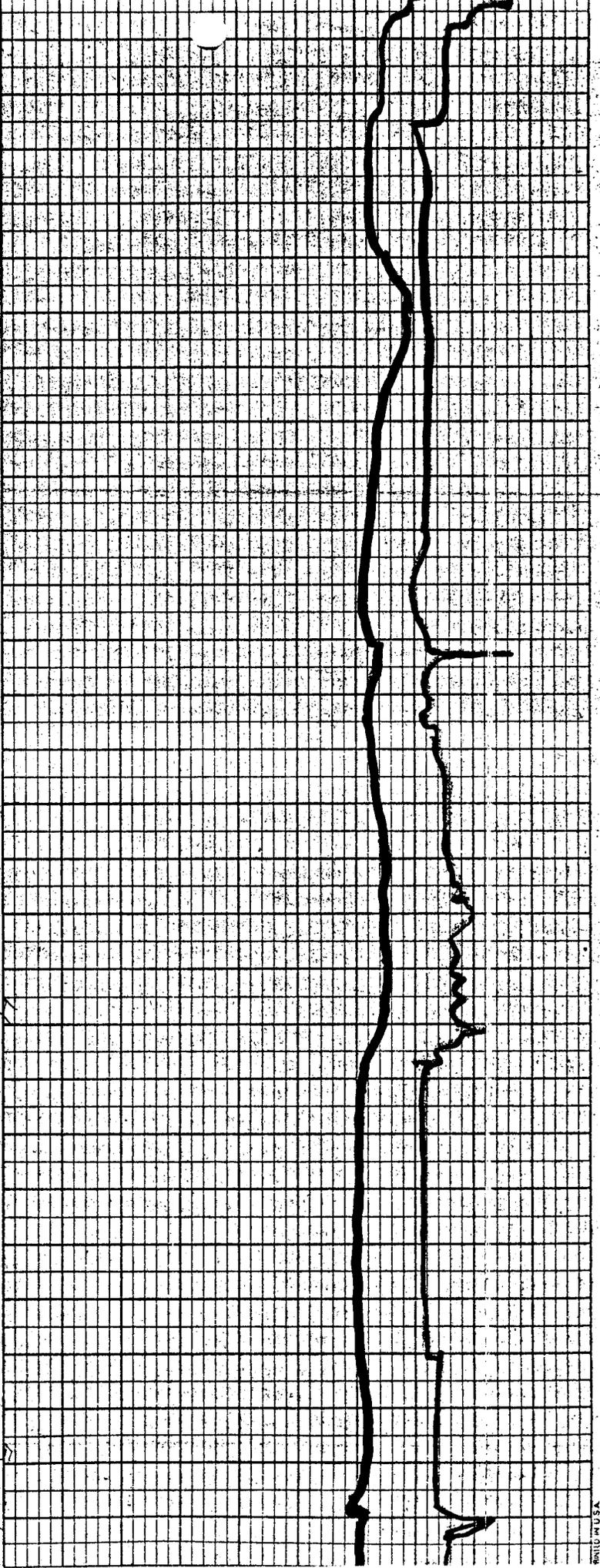
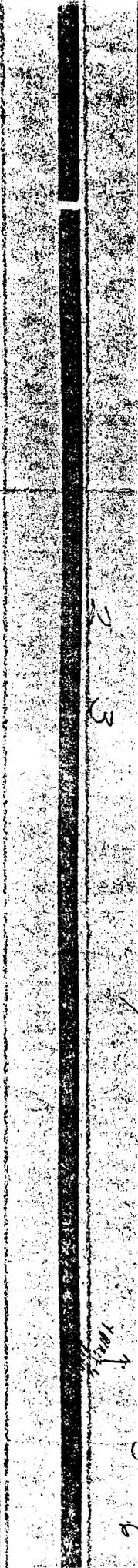
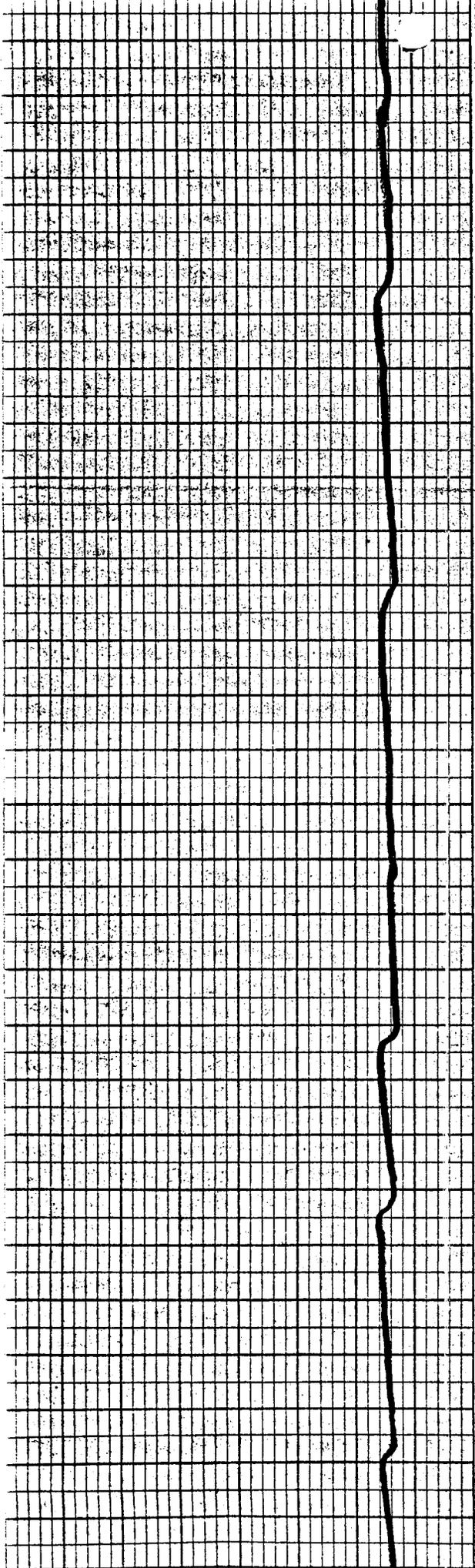
1 2 3 4 5 6 7 8 9 10
KAY 304M

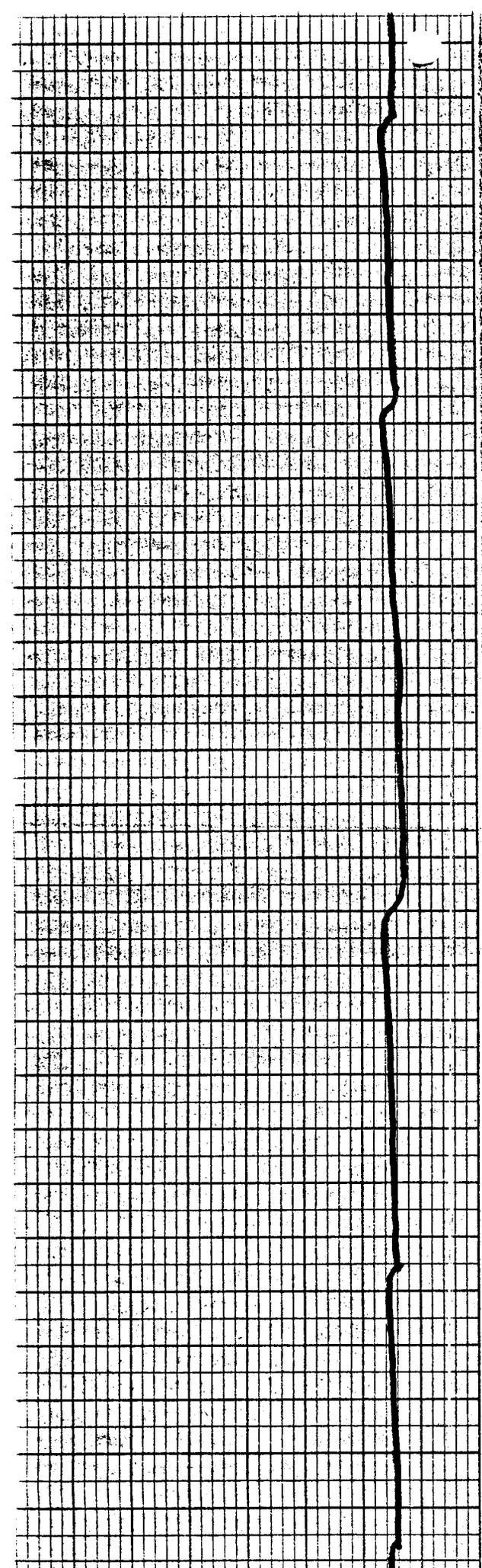
TIDING PSI
1000 PLYM 1576 HVC

ADD BRD EOOD 4 1725 505
ANNOUNS 105

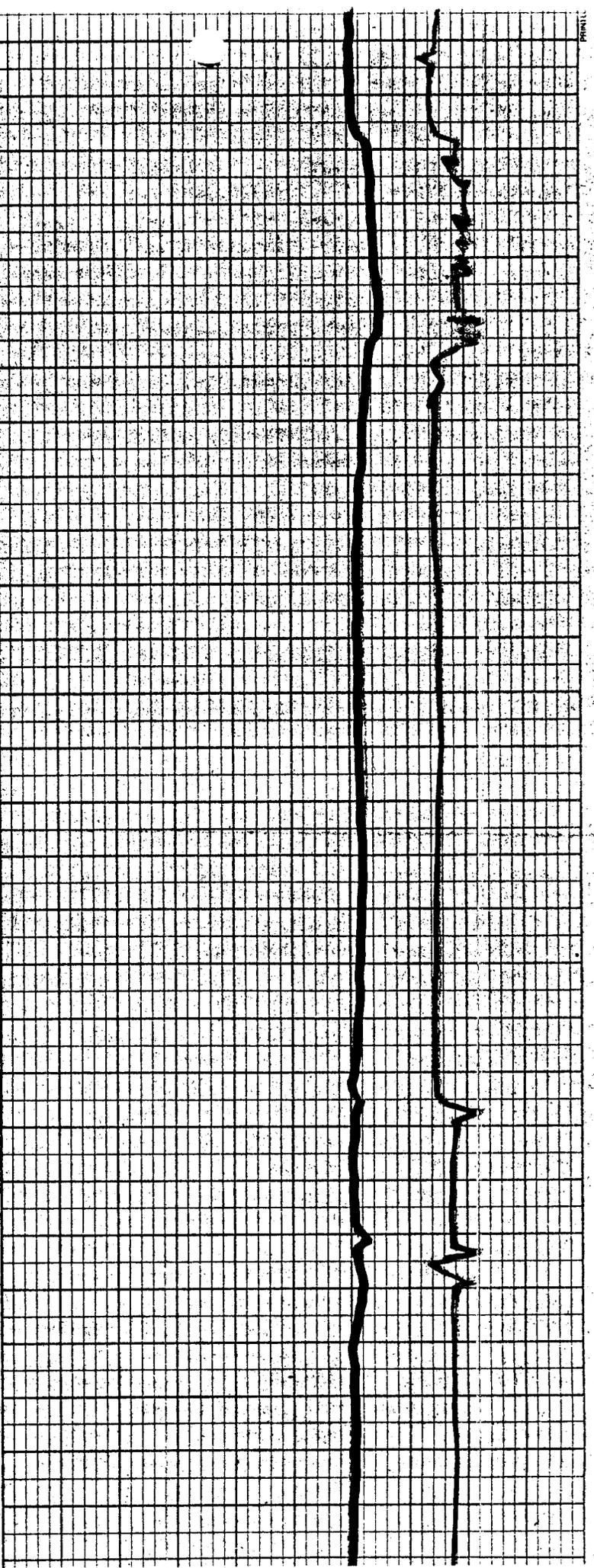


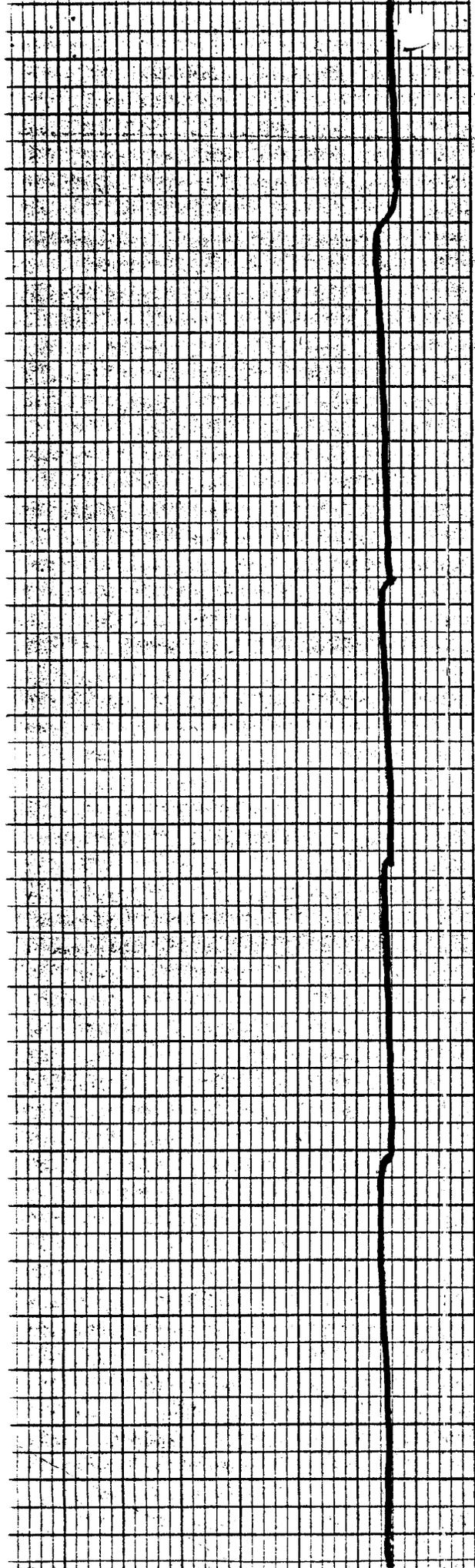
(B)





8
9
10

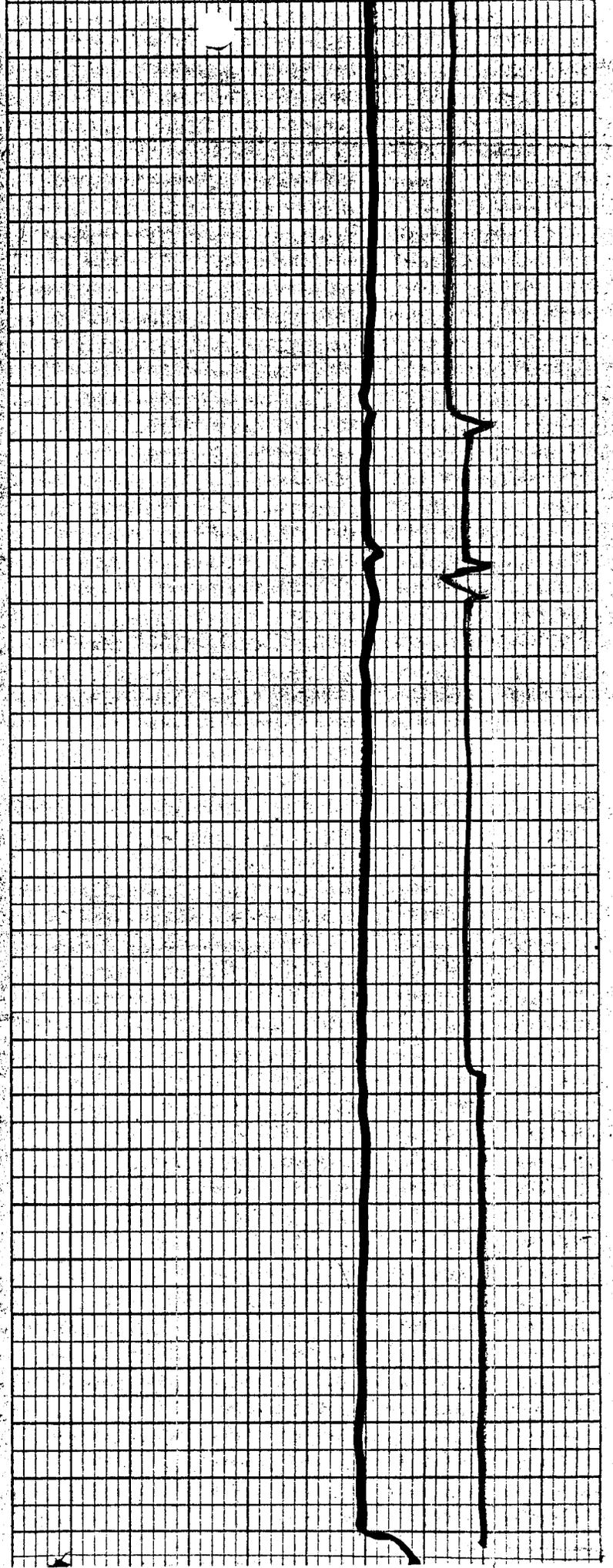




9

10

12/13



TIME STAGE JOB TOTAL FLOW TUBING DEN./S.C. ANNULUS

TIME	STAGE #	JOB TOTAL GALLONS	FLOW BBL/MIN	TUBING PSI	DEN./S.C. LBS/GAL.	ANNULUS PSI
15:26:41	00	000000	000.0	00,010	00.00	00,010
15:27:00	01	000010	003.3	00,010	00.00	00,000
15:28:00	00	000020	000.0	00,230	00.00	00,000
15:29:00	00	000020	000.0	00,080	00.00	00,000
15:30:00	00	000000	000.0	00,030	00.00	00,000
15:31:00	01	000000	000.0	00,010	00.00	00,000
15:32:00	01	000000	000.0	00,010	00.00	00,000
15:33:00	01	000000	000.0	00,020	00.00	00,000
15:34:00	01	000000	000.0	00,020	00.00	00,000
15:35:00	01	000090	002.1	00,050	00.00	00,000
15:36:00	01	000190	002.8	00,060	00.00	00,120
15:37:00	01	000300	002.8	00,060	00.00	01,820
15:38:00	01	000480	004.1	00,070	00.00	01,710
15:39:00	01	000630	002.9	00,070	00.00	01,730
15:40:00	01	000760	003.2	00,040	00.00	01,710
15:41:00	01	000900	003.2	00,040	00.00	01,700
15:42:00	01	001030	003.2	00,050	00.00	01,700
15:43:00	01	001170	003.2	00,050	00.00	01,690
15:44:00	01	001310	003.2	00,050	00.00	01,690
15:45:00	01	001440	002.8	00,380	00.00	01,700
15:46:00	01	001550	002.6	03,180	00.00	01,740
15:47:00	01	001660	002.6	03,630	00.00	01,710
15:48:00	01	001800	003.2	03,750	00.00	01,660
15:49:00	01	001930	003.2	03,880	00.00	01,600
15:50:00	01	002060	003.2	03,890	00.00	01,640
15:51:00	01	002200	003.2	03,970	00.00	01,820
15:52:00	01	002330	003.2	04,030	00.00	01,750
15:53:00	01	002410	000.0	02,810	00.00	01,680
15:54:00	01	002410	000.0	02,280	00.00	01,640
15:55:00	01	002410	000.0	00,120	00.00	01,620
15:56:00	01	002410	000.0	00,000	00.00	01,610
15:59:54	01	002410	000.0	01,580	00.00	00,300
16:00:00	01	002410	000.0	01,560	00.00	00,480
16:01:00	01	002490	003.3	02,170	00.00	01,810
16:02:00	01	002630	003.2	03,390	00.00	01,830
16:03:00	01	002770	003.2	03,940	00.00	01,810
16:04:00	01	002900	003.2	04,040	00.00	01,770
16:05:00	01	003040	003.2	03,980	00.00	01,730
16:06:00	01	003170	003.1	03,970	00.00	01,690
16:07:00	01	003300	003.1	03,990	00.00	01,650
16:08:00	01	003430	003.1	04,010	00.00	01,610
16:09:00	01	003570	003.1	04,050	00.00	01,570
16:10:00	01	003700	003.1	04,080	00.00	01,530
16:11:00	01	003830	003.1	04,110	00.00	01,650
16:12:00	01	003960	003.1	04,130	00.00	01,790
16:13:00	01	004000	000.0	03,240	00.00	01,760
16:14:00	01	004030	003.0	03,080	00.00	01,730
16:15:00	01	004160	003.0	03,620	00.00	01,720

16:17:00	01	004410	003.0	04,100	00.00	01,690
16:18:00	01	004540	003.0	04,130	00.00	01,660
16:19:00	01	004670	003.0	04,130	00.00	01,630
16:20:00	01	004790	003.0	04,120	00.00	01,610
16:21:00	01	004920	003.0	04,130	00.00	01,580
16:22:00	02	005050	003.0	04,130	00.00	01,550

TIME	STAGE #	JOB TOTAL GALLONS	FLOW BBL/MIN	TUBING PSI	DEN./S.C. LBS/GAL.	ANNULUS PSI
16:23:00	02	005150	002.5	03,930	00.00	01,530
16:24:00	02	005260	002.6	03,800	00.00	01,850
16:25:00	02	005370	002.5	03,750	00.00	01,820
16:26:00	02	005480	002.6	03,740	00.00	01,790
16:27:00	02	005580	002.5	03,720	00.00	01,770
16:28:00	02	005690	002.6	03,710	00.00	01,750
16:29:00	02	005800	002.6	03,700	00.00	01,730
16:30:00	02	005910	002.6	03,690	00.00	01,710
16:31:00	02	006010	002.6	03,680	00.00	01,700
16:32:00	02	006130	002.7	03,740	00.00	01,680
16:33:00	02	006240	002.9	03,780	00.00	01,660
16:34:00	02	006360	003.0	03,910	00.00	01,640
16:35:00	02	006490	003.1	03,980	00.00	01,620
16:36:00	02	006620	003.1	04,010	00.00	01,600
16:37:00	02	006750	003.1	04,050	00.00	01,580
16:38:00	02	006880	003.1	04,080	00.00	01,750
16:39:00	02	007010	003.1	04,080	00.00	01,770
16:40:00	02	007140	003.1	04,100	00.00	01,750
16:41:00	02	007270	003.1	04,120	00.00	01,730
16:42:00	02	007410	003.1	04,140	00.00	01,710
16:43:00	02	007540	003.1	04,160	00.00	01,690
16:44:00	02	007670	003.1	04,180	00.00	01,670
16:45:00	02	007800	003.1	04,200	00.00	01,640
16:46:00	02	007930	003.1	04,210	00.00	01,620
16:47:00	02	008070	003.1	04,230	00.00	01,700
16:48:00	02	008200	003.1	04,240	00.00	01,780
16:49:00	02	008330	003.1	04,240	00.00	01,750
16:50:00	02	008460	003.1	04,250	00.00	01,730
16:51:00	02	008590	003.1	04,260	00.00	01,710
16:52:00	02	008720	003.1	04,260	00.00	01,690
16:53:00	02	008850	003.1	04,250	00.00	01,670
16:54:00	02	008990	003.1	04,250	00.00	01,860
16:55:00	02	009120	003.1	04,250	00.00	01,830
16:56:00	02	009250	003.1	04,250	00.00	01,810
16:57:00	02	009380	003.1	04,250	00.00	01,790
16:58:00	02	009510	003.1	04,240	00.00	01,770
16:59:00	02	009640	003.1	04,240	00.00	01,750
17:00:00	02	009780	003.1	04,230	00.00	01,730
17:01:00	02	009910	003.2	04,230	00.00	01,710
17:02:00	02	010040	003.2	04,280	00.00	01,690
17:03:00	03	010180	003.2	04,310	00.00	01,910
17:04:00	03	010310	003.1	04,320	00.00	01,900
17:05:00	03	010440	003.1	04,580	00.00	01,870
17:06:00	03	010570	003.1	04,570	00.00	01,840
17:07:00	03	010700	003.1	04,600	00.00	01,820
17:08:00	03	010830	003.1	04,610	00.00	01,790
17:09:00	03	010960	003.1	04,590	00.00	01,770
17:10:00	03	011090	003.1	04,570	00.00	01,740

17:07:00	03	010700	003.1	04,600	00.00	01,820
17:08:00	03	010830	003.1	04,610	00.00	01,790
17:09:00	03	010960	003.1	04,590	00.00	01,770
	03	011090	003.1	04,570	00.00	01,740
17:11:00	03	011220	003.1	04,570	00.00	01,720
17:12:00	03	011350	003.0	04,550	00.00	01,690
17:13:00	03	011480	003.2	04,650	00.00	01,670
17:14:00	03	011620	003.2	04,690	00.00	01,910
17:15:00	03	011760	003.2	04,710	00.00	01,860
17:16:00	03	011890	003.2	04,720	00.00	01,840
17:17:00	03	012010	000.1	04,110	00.00	01,800

TIME	STAGE #	JOB TOTAL GALLONS	FLOW BBL/MIN	TUBING PSI	DEN./S.C. LBS/GAL.	ANNULUS PSI
17:18:00	03	012010	000.0	03,220	00.00	01,770
17:19:00	03	012010	000.0	03,090	00.00	01,760

HALLIBURTON SERVICES

TICKET # 364229

DATE Nov. 11, 1952

COMPANY Anschutz Corp

LEASE NAME Anschutz Ranch LOCATION E. Anschutz Ranch

WELL NO. 8-30A COUNTY Summit STATE Utah

SECTION 30 TOWNSHIP 4N RANGE 8E

Pressure
Flow

1.5
SIP

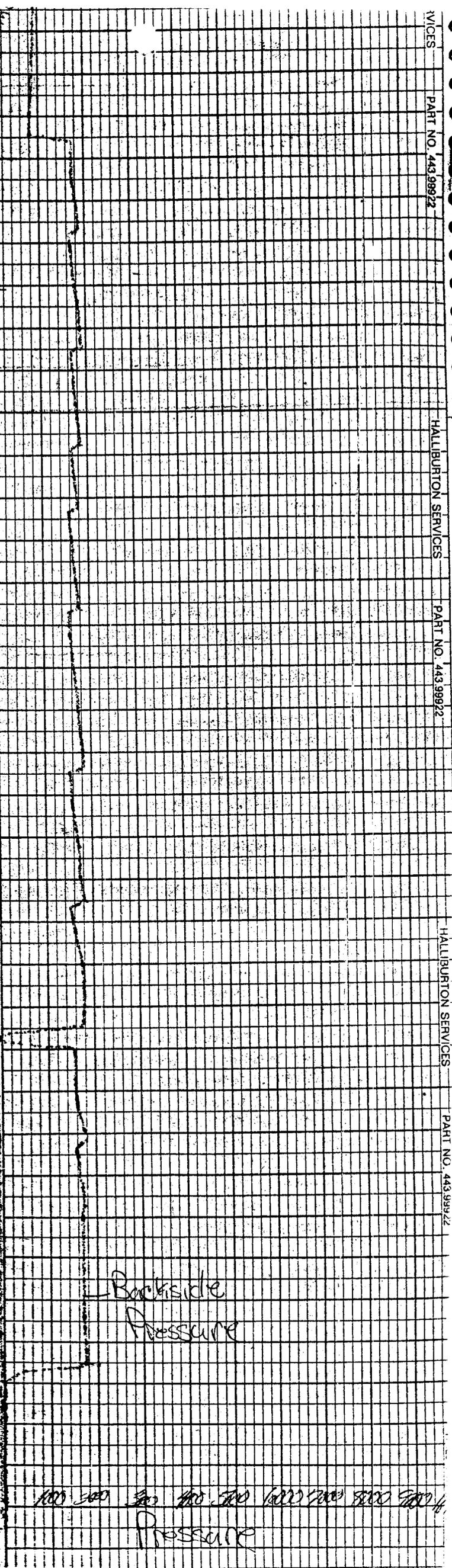
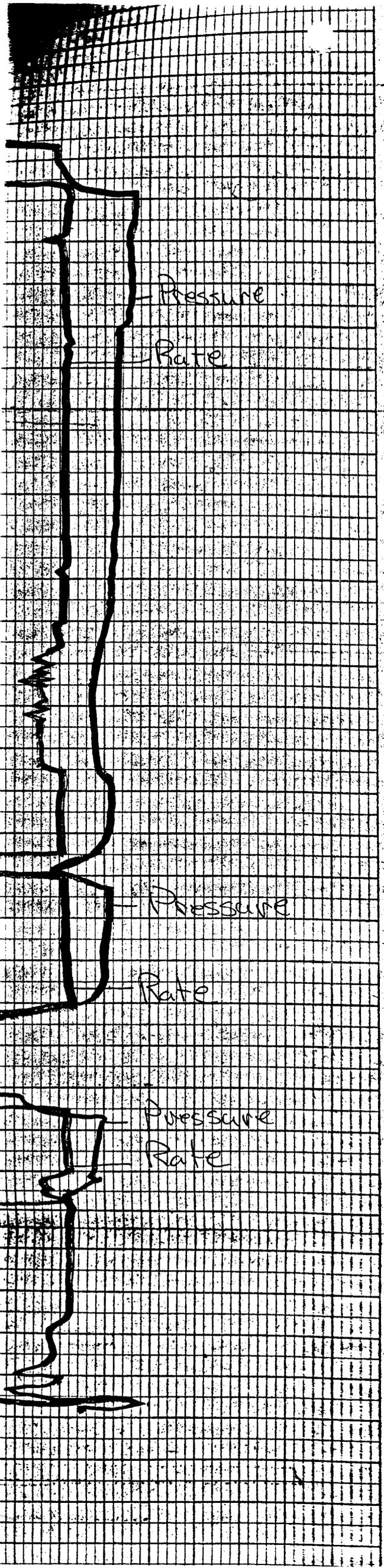
Flow
Plus

1.5
SIP

Flow
Plus

Flow
Plus

Pressure
Flow



HALLIBURTON SERVICES

TICKET # 364229

DATE Nov 11, 1987

COMPANY Anschutz Corp.

LEASE NAME Anschutz Ranch LOCATION E. Anschutz Ranch

WELL NO. F-30A COUNTY Summit STATE Utah

SECTION 30 TOWNSHIP 4N RANGE 8E



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
W16-06 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

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
 ADDRESS P. O. Box 829
Evanston, Wyoming ZIP 82930
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE W30-08 WELL
 SEC. 30 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

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

APPLICATION

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

Lease Name UPRR 31-1	Well No. ARE W30-08	Field Anschutz Ranch East	County Summit
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>30</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 type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>Will be reported on final Sundry</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Gas
Location of Injection Source(s) Nitrogen extraction plant Uinta County, Wyoming	Geologic Name(s) and Depth of Source(s) Nitrogen extraction via atmosphere		
Geologic Name of Injection Zone Nugget		Depth of Injection Interval <u>12,321</u> to <u>13,838</u>	
a. Top of the Perforated Interval: <u>12,321</u>	b. Base of Fresh Water: <u>3000'</u>	c. Intervening Thickness (a minus b) <u>9321'</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones Gannet (claystone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)			
Injection Rates and Pressures Maximum <u>80 MMSCFD</u> B/D <u>6100</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 the Unit Agreement</u>			

State of Wyoming)
Uinta)
 Amoco Production Company
 Applicant



The undersigned authority, on this day personally appeared T.G. Dor
 who is the person whose name is subscribed to the above instrument, who being by me duly sworn on
 that he is duly authorized to make the above report and that he has knowledge of the facts stated
 in said report is true and correct.
 and sworn to before me this 30th day of June, 19 86
Karen J. Gallmer
 Notary Public in and for Evanston, Wyo
 My commission expires June 10, 1990



Amoco Production Company

ENGINEERING CHART

Sheet No. Of
File ARE 30-08

SUBJECT AREW 30-08 2110' FNL 575 FEE

Appn _____

Sec. 30 T-4N RBE Summit Co. UTAH

Date 6-13-85

By W.R. Felt

Surface Csg 13 3/8
68# + 72#

4651

Intermediate Csg. 9 5/8
43.5# + 62.8# 19755

- 3 1/2 12.7# vam 1Jt N-80
- 3 1/2 corrosion sub
- 3 1/2 12.7# vam 392 Jts N-80
- OTIS "R" nipple
- 3 1/2 12.7# vam 1Jt N-80
- 3 1/2 Brnd X 3 1/2 vam
- R-3 Parker Big bore Double grip
- 3 1/2 EVE Brnd X 2 3/8 EVE Brnd
- 2 7/8 6.5# L-80 pup 10' L-80
- OTIS "X" nipple ID 2.313
- 2 7/8 6.5# N-80 1Jt N-80
- OTIS "XN" nipple ID 2.205 no go
- MULE shoe

squeezed. 12484-12486

Production Csg 7" 26# + 32#
N 80-L 80

- 12321-12333
- 12344-12371
- 12400-12494
- 12511-12526
- 12538-12550
- 12560-12590
- 12662-12680 squeezed
- 12706-12740 Squeezed
- 12764-12792
- 12816-12825
- 12850-12864
- 12896
- 12974-13008
- 13033-13058
- 13082-13140
- 13166-13206
- 13232-13252
- 13278-13298
- 13328-13350
- 13396-13440
- 13510-13550
- 13610-13656
- 13706-13740
- 13838 clean out depth

13919

T.D.

HALLIBURTON SERVICES JOB SUMMARY

FORM 2025

HALLIBURTON
DIVISION
HALLIBURTON
LOCATION

Denver, Colorado

Evanston, Wyoming

BILLED ON
TICKET NO. 364231

CUSTOMER: Anschutz Corp
LEASE: Anschutz Ranch
WELL NO.: 8-30 A
JOB TYPE: 15% HCL W/N2
DATE: 11/17/82

WELL DATA

FIELD East Anschutz SEC. 30 TWP. 4W RING. _____ COUNTY Summit STATE Utah

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			32#	7"	13300	13550	
LINER							
TUBING			8.7#	2 7/8"	0	13300	
OPEN HOLE							SHOTS/FT.
PERFORATIONS					13328	13550	
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS FROM TO
INITIAL PROD: OIL _____ SPD. WATER _____ SPD. GAS _____ MCFD
PRESENT PROD: OIL _____ SPD. WATER _____ SPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11/17/82	DATE 11/17/82	DATE 11/17/82	DATE 11/17/82
TIME 0300	TIME 0600	TIME 1158	TIME 1351

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. L. McNeel	3919 Van	Evanston
T. Mansfield	2543/7009 Acid Pumper	Evanston
E. Killham	4909/7001 Acid Trans.	Evanston
C. Furniss	4469/4590 Acid Trans.	Evanston
R. Crabb	30347 Cord Van	Evanston

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID	DENSITY	LB/GAL. API
DISPL. FLUID	DENSITY	LB/GAL. API
PROP. TYPE	SIZE	LB.
PROP. TYPE	SIZE	LB.
ACID TYPE	HCL	GAL. 10,000 % 15
ACID TYPE		GAL. %
ACID TYPE		GAL. %
SURFACTANT TYPE		GAL. IN
IRON AGENT TYPE	3-N	GAL. 10 IN 1/M
Iron Sequester	FE-2	GAL.-LB. 200 IN 20/M
GELLING AGENT TYPE		GAL.-LB. IN
Corrosion Inhib.	HAI-55	GAL.-LB. 50 IN 5/M
BREAKER TYPE		GAL.-LB. IN
BLOCKING AGENT TYPE	TLC -80	GAL.-LB. 800#
PERFPAC BALLS TYPE		QTY.
OTHER		
OTHER		

DEPARTMENT Stimulation
DESCRIPTION OF JOB 10,000 Gallons 15% HCL W/N2

JOB DONE THRU: TUBING CASING ANNULUS TIG./ANN.

CUSTOMER REPRESENTATIVE **X** Randy Britt

HALLIBURTON OPERATOR W. LLOYD McNeel COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.

PRESSURES IN PSI

CIRCULATING	DISPLACEMENT	4000
BREAKDOWN	4000	MAXIMUM 4100
AVERAGE	3920	FRACTURE GRADIENT .65
SHUT-IN: INSTANT	2800	5-MIN. _____ 15-MIN. _____
ORDERED	500	AVAILABLE 500 USED 274
TREATING	2.8	DISPL. 2 OVERALL 2.4
CEMENT LEFT IN PIPE		
FEET		REASON

SUMMARY

VOLUMES

PRESLUSH: SBL-GAL.	TYPE	
LOAD & BKDN: SBL-GAL.	PAD: SBL-GAL.	
TREATMENT: SBL-GAL.	10,000	DISPL: SBL-GAL. 2280
CEMENT GEL: SBL-GAL.	500 scf/bbl N2	
TOTAL VOLUME: SBL-GAL.	12,280	

REMARKS

148,736 scf N2

See Job Log

HALLIBURTON SERVICES
JOB LOG

WE TO 8-30 A LEASE Anschutz Ranc' TICKET NO. 364231
 CUSTOMER Anschutz Corp. PAGE NO. 1 of 1
 JOB TYPE 10,000 gallons 15% HCL W/N2 DATE 11/17/82

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							On Location
	0610							Safety Meeting
	0715							Our lines laid - waiting on rig crew to finish running tubing
	0920							Prime Pumps
	0930							Set Casing Pop-off @ 2500
	1140							Pressure Test lines @ 6000
1	1158	2	0	x		0	1500	Start Acid
2	1221	2.8	2871	x		3850	1500	Acid on Perfs
3	1223	2.8	3000	x		3800	1500	Run Diverter
4	1228	2.6	3500	x		3600	1500	Back to Acid
5	1243	2.7	5417	x		3860	1500	Diverter on Perfs
6	1247	2.7	5917	x		4020	1500	Acid on Perfs
7	1252	2.6	6500	x		3880	1500	Run Diverter
8	1300	2.3	7200	x		3550	1500	Back to Acid
9	1315	2.5	8917	x		3790	1500	Diverter on Perfs
10	1323	2.2	9717	x		3910	1500	Acid on Perfs
11	1326	2.2	10,000	x		3790	1500	Go to Flush (increase N2 @ 700 scf/bbl
12	1350	2	12280	x		3280	1500	End of Job
13	1351					3280	1500	ISIP
								5 Min
								10 Min
								15 Min
								Thank you,
								Lloyd McNeel and Crew
								Note: Did not start N2 until hole was loaded, then ran 500 scf/bbl until flush and increased to 700 scf/bbl.
B	1204	3.7	810	x		2160	1500	Hole loaded start N2 @ 500 scf/bbl.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON DIVISION Denver, Colorado
HALLIBURTON LOCATION Evanston, Wyoming

BILLED ON TICKET NO. 364229

WELL DATA

FIELD Anschutz Ranch SEC. 30 TWP. 4N RNG. 8E COUNTY Summit STATE Utah

FORMATION NAME Nugget TYPE Sandstone
FORMATION THICKNESS FROM TO
INITIAL PROD: OIL BPD. WATER BPD. GAS MCFD
PRESENT PROD: OIL BPD. WATER BPD. GAS MCFD
COMPLETION DATE MUD TYPE MUD WT.
PACKER TYPE Baker EA SET AT 13587
BOTTOM HOLE TEMP. PRESSURE
MISC. DATA TOTAL DEPTH

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		32	7	0	13835	
LINER						
TUBING		8.7	2 7/8	0	13587	
OPEN HOLE						SHOTS/FT.
PERFORATIONS				13610	13740	
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11/11/82</u>	DATE <u>11/11/82</u>	DATE <u>11/11/82</u>	DATE <u>11/11/82</u>
TIME <u>0900</u>	TIME <u>1400</u>	TIME <u>1535</u>	TIME <u>1716</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER <u>7" EA</u>	<u>1</u>	<u>Baker</u>
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>S. Cheney</u>		
<u>L. McNeel</u>	<u>3919</u>	<u>Evanston</u>
<u>T. Valdez</u>	<u>29786</u>	<u>Evanston</u>
<u>T. Mansfield</u>	<u>2543</u>	
	<u>7009</u>	<u>Evanston</u>
<u>B. Martinez</u>	<u>50338</u>	
	<u>7558</u>	<u>Evanston</u>
<u>R. Crabb</u>	<u>4909</u>	
	<u>5715</u>	<u>Evanston</u>

MATERIALS

TREAT. FLUID HCL DENSITY 9.5 LB/GAL. API
DISPL. FLUID 2% KCL DENSITY 8.5 LB/GAL. API
PROP. TYPE SIZE LB.
PROP. TYPE SIZE LB.
ACID TYPE HCL GAL. 10,000 % 15
ACID TYPE GAL. %
ACID TYPE GAL. %
SURFACTANT TYPE GAL. IN
NE AGENT TYPE 3N GAL. 1 IN 1000
FLUID LOSS ADD. TYPE GAL.-LB. IN
GELLING AGENT TYPE GAL.-LB. IN
FRIC. RED. AGENT TYPE GAL.-LB. IN
BREAKER TYPE GAL.-LB. IN
BLOCKING AGENT TYPE GAL.-LB.

DEPARTMENT Stimulation

DESCRIPTION OF JOB 15% HCL & N2

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Randy Britt

HALLIBURTON OPERATOR Steven J, Cheney COPIES REQUESTED

OTHER Corrosion Inhibitor HAI-55 5/1000

OTHER Iron Squestor FE-2 20#/1000

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING DISPLACEMENT PRES LUSH: BBL.-GAL. TYPE
BREAKDOWN MAXIMUM LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL.
AVERAGE FRACTURE GRADIENT TREATMENT: BBL.-GAL. 10,000 DISPL: BBL.-GAL. 1840
SHUT-IN: INSTANT 3400 3-MIN. 15-MIN. CEMENT SLURRY: BBL.-GAL.
HYDRAULIC HORSEPOWER TOTAL VOLUME: BBL.-GAL. 11,840
ORDERED 500 AVAILABLE 500 USED 370 REMARKS
AVERAGE RATES IN BPM
TREATING 3.2 DISPL. 3.2 OVERALL 3.2
CEMENT LEFT IN PIPE
FEET REASON

See Job Log

CUSTOMER Anschutz Corp
LEASE Anschutz Ranch
WELL NO. 8-30 A
JOB TYPE 15% HCL & N2
DATE 11/11/82



July 11, 1986

T. G. Doss
District Manager

Amoco Production Company

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

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

Attn: Dr. Dianne R. Nielson

File: RMR-62-588/WF

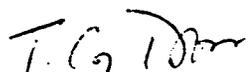
Injection Well Application
ARE W30-14, W20-02, W30-08 and W29-14
Anschutz Ranch East
Summit County, Utah

The following applications are submitted by Amoco Production Company for four (4) Underground Injection Control Class II wells in the Anschutz Ranch East Unit (Plan of Operations approved at State Hearing, November 30, 1982, Cause No. 183-11). It is requested that these applications be given administrative approval. The Anschutz Ranch East W30-14, W20-02, W30-08 and W29-14 will make a total of eighteen wells to be used for gas injection purposes in the Anschutz Ranch East field (reference Amoco Production Company letter dated April 7, 1983). Please find attached the above mentioned applications and attachments for the ARE W30-14, W20-02, W30-08 and W29-14 wells.

Amoco Production Company has reviewed Section V, Underground Injection Control Recovery Operations and Class II Injection wells. All data requested by Rules 501, 502 and 503 have been submitted under this letter. Amoco recommends an alternative to Rule 505 regarding pressure testing the casing as noted in the attached section entitled "Pressure Testing".

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

Please direct any questions to Dan Polson in the Evanston District office at (307) 789-1700.



T. G. Doss
District Manager

DNP/kg

Attachments



no orig letter file
cc letter & orig
report & logs ->
R. Firth

Amoco Production Company

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

T. G. Doss
District Manager

RECEIVED
JUL 14 1986

July 11, 1986

See Attached List

**DIVISION OF
OIL, GAS & MINING**

File: RMR-64-603.211/WF

Injection Well Application
ARE W30-14, W20-02, W30-08, W29-14
Anschutz Ranch East
Summit County, Utah

As provided for in Rule 501-b of the State of Utah, Division of Oil, Gas and Mining underground injection regulations, all operators or owners and surface owners within a one-half mile radius of a new injection well must be provided a copy of the application for injection. Attached for your review is the application for injection for the ARE W30-14, W20-02, W30-08, and the W29-14. If there are any questions or comments, please contact Dan Polson at (307) 789-1700 ext. 2316.

T.G. Doss

T. G. Doss *by R.D.W.*

DNP/kg

Attachments

LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

FORMATION PRESSURE TESTING

MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

Sent to:

The Anschutz Corporation
2400 Anaconda Tower
Denver, Colorado 80202

Attn: John D. Haley

BWAB Incorporated
1000 City Center 4
1801 California Street
Denver, Colorado 80202

Attn: Ray O. Brownlie

Champlin Petroleum Company
5800 S. Quebec
Englewood, Colorado

Attn: T. J. Wheeler

Chevron, USA, Inc.
700 S. Colorado Blvd.
Denver, Colorado 80201

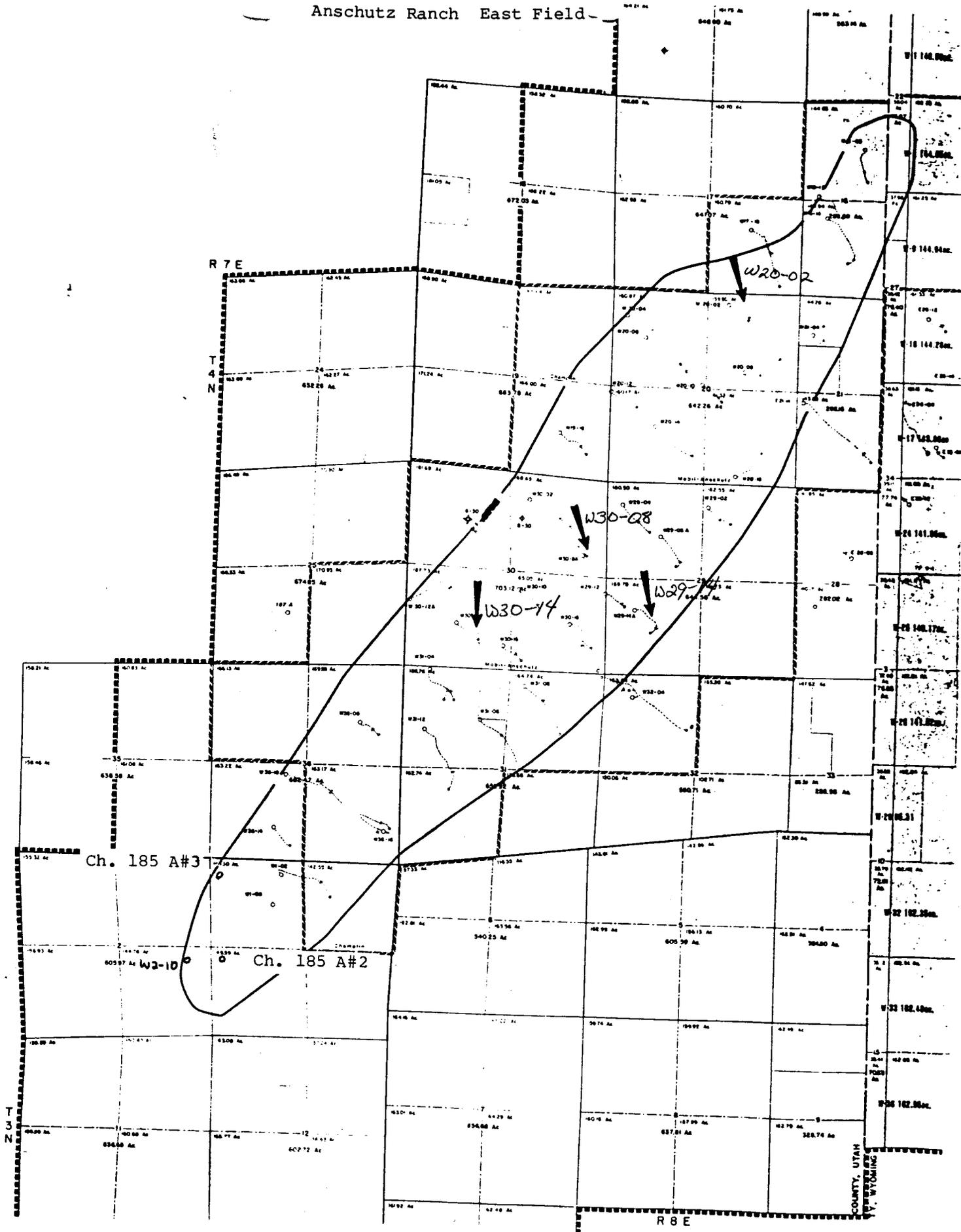
Mobil Rocky Mountain, Inc.
1225 17th Street
Denver, Colorado 80202

Attn: William E. Prichard

PanCanadian Petroleum Company
600 17th Street, Ste, 1800 South
Denver, Colorado 80202

Attn: Donald R. Reeves

Anschutz Ranch East Field

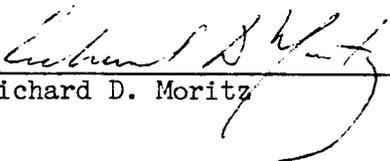


VERIFICATION AND AFFIDAVIT

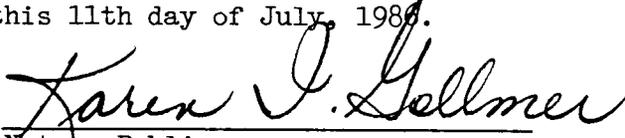
STATE OF UTAH)
 : ss
COUNTY OF SUMMIT)

Richard D. Moritz, of lawful age, being first duly sworn on his oath, deposes and says:

That he is employed as Engineering Supervisor by Amoco Production Company in its Evanston, Wyoming office; that Amoco's application for an order from the Commission granting authority to inject nitrogen gas into the Nugget Formation in the ARE W20-02, W30-14, W30-08 and W29-14, Anschutz Ranch East Field, Summit County, Utah, was prepared under his direction and supervision; that the matters and things set forth are true and correct to the best of his knowledge and beliefs; and that a copy thereof was mailed from Applicant's Evanston, Wyoming office July 11, 1986, to the parties shown as attached, who are the only oil and gas lease owners, or surface owners covering the lands described in the application; and to the best of his information, knowledge and belief, the above named parties are the only owners to whom notice of such application is required to be given in accordance with the Rules and Regulations of the Utah Division of Oil, Gas, and Mining.


Richard D. Moritz

Subscribed and sworn to before me this 11th day of July, 1986.


Notary Public



Sent to:

The Anschutz Corporation
2400 Anaconda Tower
Denver, Colorado 80202

Attn: John D. Haley

BWAB Incorporated
1000 City Center 4
1801 California Street
Denver, Colorado 80202

Attn: Ray O. Brownlie

Champlin Petroleum Company
5800 S. Quebec
Englewood, Colorado

Attn: T. J. Wheeler

Chevron, USA, Inc.
700 S. Colorado Blvd.
Denver, Colorado 80201

Mobil Rocky Mountain, Inc.
1225 17th Street
Denver, Colorado 80202

Attn: William E. Prichard

PanCanadian Petroleum Company
600 17th Street, Ste, 1800 South
Denver, Colorado 80202

Attn: Donald R. Reeves

ANSCHUTZ RANCH EAST

Surface Owners Within One-Half Mile of the W29-14 Injection Well *

7/18/86

There are
additional
wells w/in
1/2 mile of some
of these wells.
- DBS

SURFACE OWNERS

Anschutz - Sec. 32
Anschutz - Sec. 30
Anschutz - Sec. 29
Anschutz - Sec. 29

of the W20-02 Injection Well *

SURFACE OWNERS

Anschutz - Sec. 20
Anschutz - Sec. 20
Anschutz - Sec. 20
Anschutz - Sec. 21
Anschutz - Sec. 17

Surface Owners Within One-Half Mile of the W30-08 Injection Well *

<u>WELL</u>	<u>TYPE</u>	<u>SURFACE OWNERS</u>
W30-02	Injecting	Anschutz - Sec. 30
W29-04	Producing	Anschutz - Sec. 29
W29-12	Injecting	Anschutz - Sec. 29
W30-16	Producing	Anschutz - Sec. 30
W30-10	Producing	Anschutz - Sec. 30

Surface Owners Within One-Half Mile of the W30-14 Injection Well *

<u>WELL</u>	<u>TYPE</u>	<u>SURFACE OWNERS</u>
W30-12	Injecting	Anschutz - Sec. 30
W30-10	Producing	Anschutz - Sec. 30
W30-15	Injecting	Anschutz - Sec. 30
W31-04	Producing	Anschutz - Sec. 31

*Amoco operates all the wells in the field.

As a matter of standard operating procedure, Amoco ensures (by CBL) that sufficient cement is in place at the top of the Nugget formation to provide isolation between the Nugget and Twin Creek formations.

Injection

Maximum injection rate - ~~70~~ MMSCFD
Maximum surface pressure - 6100 psi
Injection fluid - 65% hydrocarbon gas/35% nitrogen

A step rate test was conducted during February, 1985 on the ARE W20-14 injection well in the Nugget formation. One hundred percent nitrogen was used for the test. Injection rates started at 3 MMSCFD at a wellhead pressure of 3760 psi (BHP = 5329 psi) and were increased to a final rate of 60.5 MMSCFD at a wellhead pressure of 5552 psi (BHP = 6616 psi). A cartesian plot of injection rate versus bottomhole pressure shows that the Nugget formation did part at a pressure and rate less than that requested for W19-08. However, the parting pressure and rate vary between wells based upon the depth and perforated pay quality. The data on the W20-14 and previous step rate data show the fracture gradient in the Nugget Formation to be .51 psi/ft. Other injection wells do have higher injection rates and pressures and are not fracturing based upon the .51 psi gradient.

We do not expect to reach the parting pressure with the requested 6100 psi surface pressure and 70 MMSCFD rate because of the pressure losses caused by the transferral of the gas to the formation face. Amoco will collect data to ensure the W19-08 injection pressures are less than the parting pressure.

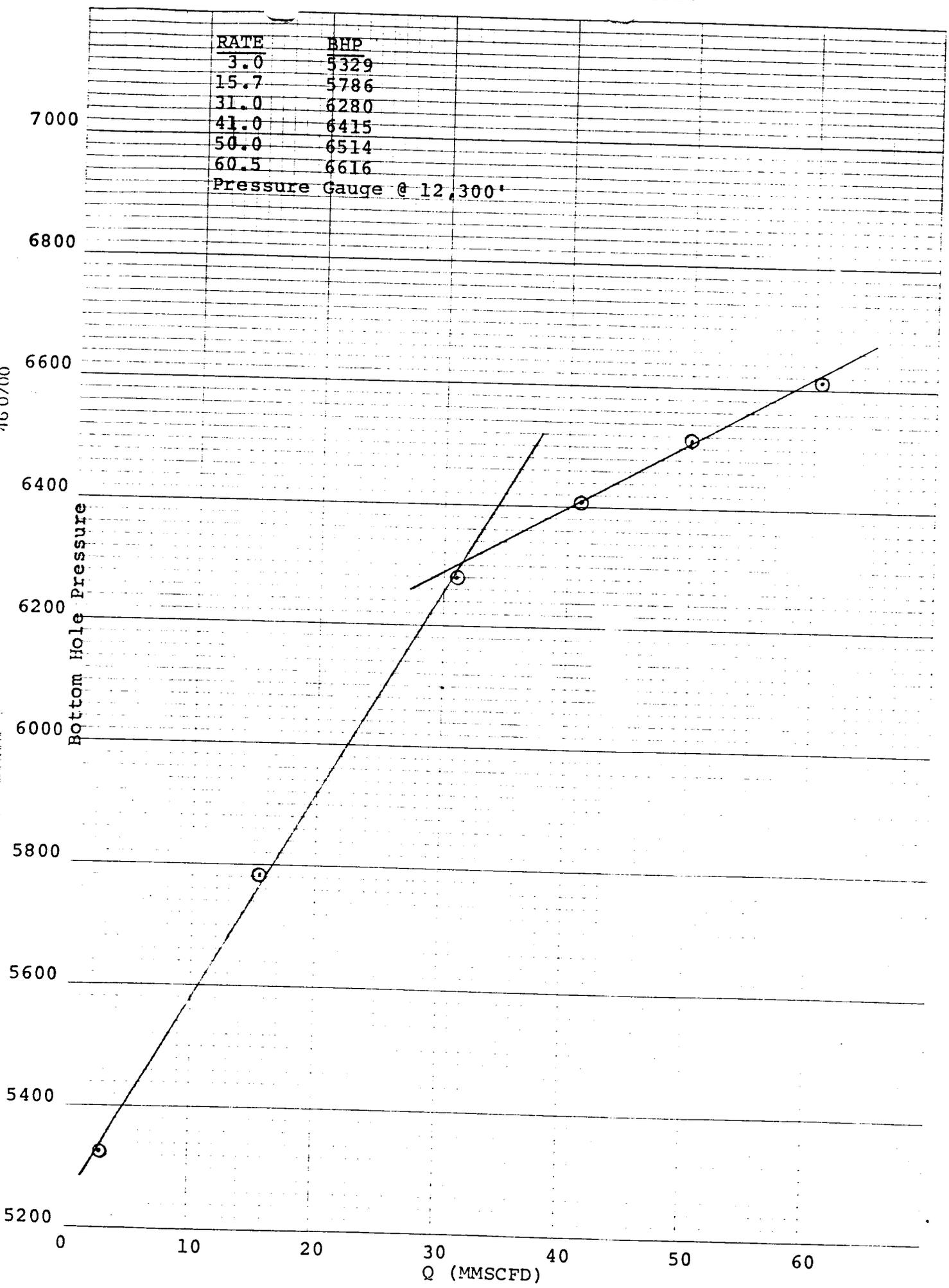
ANSCHUTZ W20-14 STEP RATE TEST

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

Pressure Gauge @ 12,300'

46 0700

FIG. 10 A TO THE USE OF THE BOTTOM HOLE PRESSURE



Injection Operating Data

ARE Injection Wells

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

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

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

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

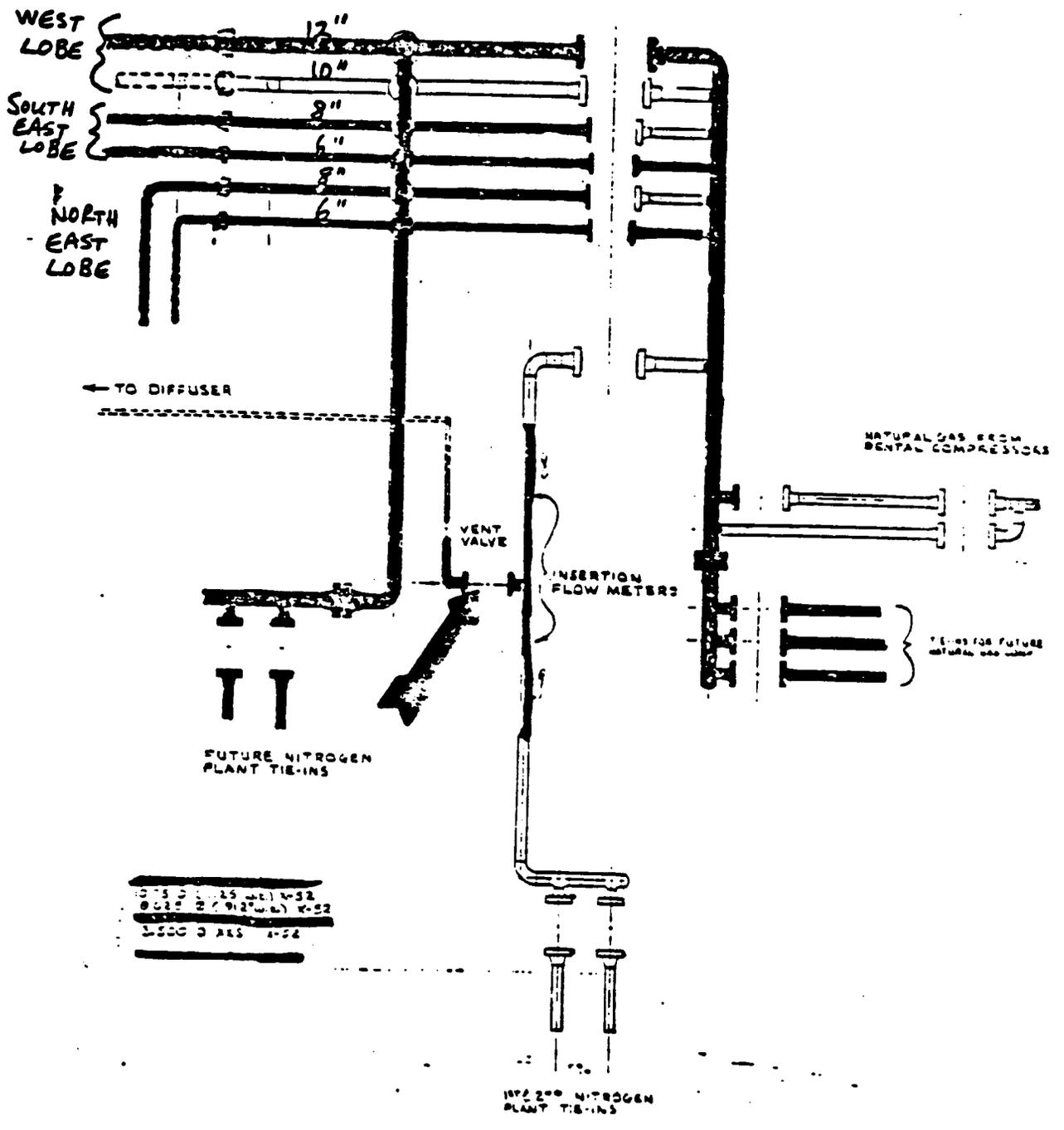
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

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

Contingency Plan

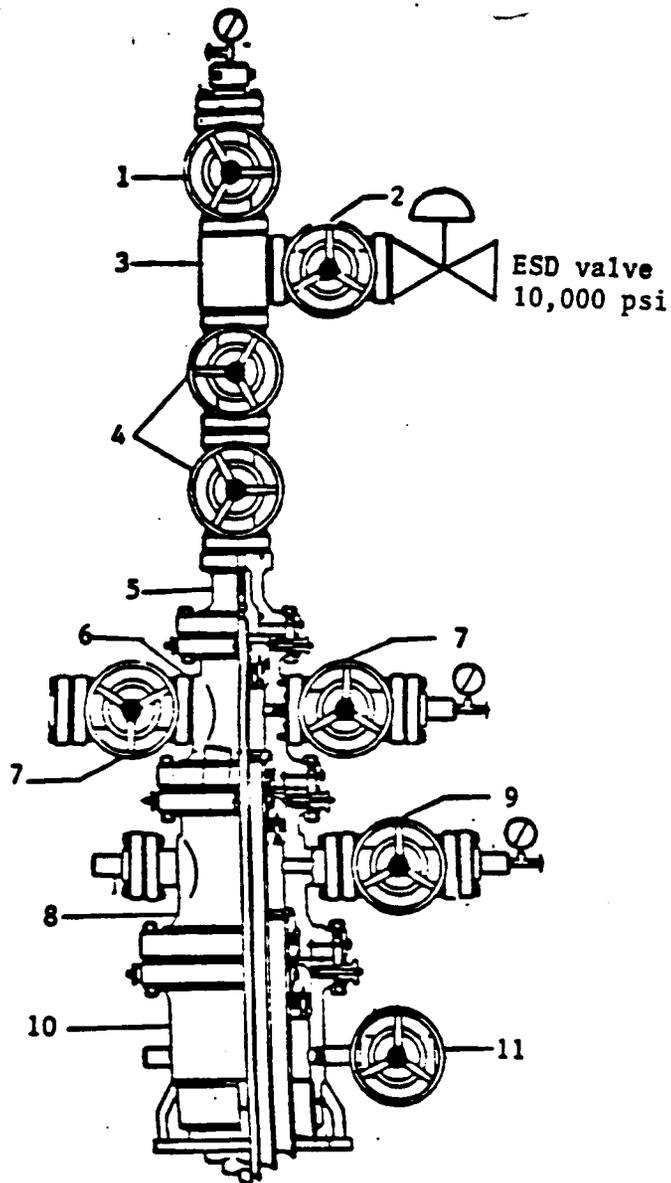
1. If high pressure shutdown occurs, the problem will be identified, the well shut-in, the high pressure will be bled off, and repair work will commence.



1575 2" GAS 15' x 15' V-52
 8015 2" (912' x 15') V-52
 1500 3" GAS 1-52

10 1/2" NITROGEN
 PLANT TIE-INS

ARE Mixing Station
 Scale - 1/4" = 1'
 08 1000 00



Shuts down on high
annulus pressure.

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

FIGURE 23. Typical Wellhead for Injection Wells

Formation Testing Programs

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

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

MECHANICAL INTEGRITY TEST

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

PRESSURE TESTING

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

Affidavit of Publication

STATE OF UTAH,
County of Salt Lake

SS.

Chris Anderson

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-084

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, U.S.A., FOR ADMINISTRATIVE APPROVAL TO INJECT GAS INTO PROPOSED CLASS II GAS INJECTION WELLS LOCATED IN SECTIONS 20, 29 AND 38 TOWNSHIP 4 NORTH, RANGE 8 EAST, S.L.M., SUMMIT COUNTY, UTAH.

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

Notice is hereby given that Amoco Production Company, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval from the Division to convert the following wells to Class II gas injection wells:

Aschultz Ranch East Unit Summit County, Utah
 ARE #W20-02
 ARE #W20-14
 ARE #W20-08
 ARE #W30-14

INJECTION INTERVAL: Nugget Formation 11,850'-12,835'
 MAXIMUM ESTIMATED SURFACE PRESSURE: 6100 psig
 MAXIMUM ESTIMATED WATER INJECTION RATE: 80 MMSCFD

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84100-1203.

DATED this 22nd day of July, 1986.

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

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

That the legal notice of which a copy is attached hereto Cause No UIC-084

was published in said newspaper on

August 5, 1986

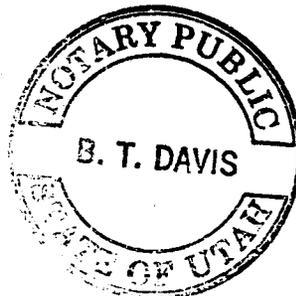
Chris Anderson
Legal Advertising Clerk

Subscribed and sworn to before me this 11th day of August, A.D. 1986.

B. T. Davis
Notary Public

My Commission Expires

March 1, 1988



Public Notice was sent to the following:

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

U.S. Environmental Protection Agency
Suite 1300
Attn: Mike Strieby
999 18th Street
Denver, Colorado 80202-2413

Bureau of Land Management
consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

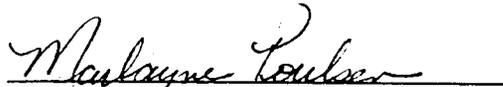
Bureau of Land Management
Fluid Minerals Caller Service #4104
Farmington New Mexico 87499

Amoco Production Company
PO Box 829
Evanston, Wyoming 82930

Newspaper Agency
Legal Advertising
143 South Main
Mezzanine Floor
Salt Lake City, Utah 84114

Park Record
Legal Advertising
PO Box 3688
Park City, Utah

Summit County Bee
20 North Main
Legal Advertising
Coalville, Utah 84017


July 30, 1986

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-084
OF AMOCO PRODUCTION COMPANY, U.S.A,
FOR ADMINISTRATIVE APPROVAL TO :
INJECT GAS INTO PROPOSED CLASS II
GAS INJECTION WELLS LOCATED IN :
SECTIONS 20, 29 AND 30, TOWNSHIP 4
NORTH, RANGE 8 EAST, S.L.M., :
SUMMIT COUNTY, UTAH

---oo0oo---

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

Notice is hereby given that Amoco Production Company, P.O. Box
829, Evanston, Wyoming 82930, has requested administrative approval
from the Division to convert the following wells to Class II gas
injection wells:

ANSCHUTZ RANCH EAST UNIT - Summit County, Utah

ARE #W20-02
ARE #W29-14
ARE #W30-08
ARE #W30-14

INJECTION INTERVAL: Nugget Formation 11,850' - 13,838'
MAXIMUM ESTIMATED SURFACE PRESSURE: 6100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 80 MMSCFD

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

DATED this 22nd day of July, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

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

RECEIVED
AUG 12 1986

DIVISION OF
OIL, GAS & MINING

PROOF OF PUBLICATION



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

I, Shirley B. Phelps

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

bookkeeper of The Summit County Bee, a week-

ly newspaper of general circulation, published once each week at

Coalville, Utah, that the notice attached hereto and which is a

Notice of Application of Administrative

Approval Cause No. UIC-084

of THE DIVISION OF
we S AND MINING
tod ENT OF NATURAL
RESOURCES
STATE OF UTAH

IN THE MATTER OF THE
APPLICATION OF AMOCO
PRODUCTION COMPANY, U.S.
A. FOR ADMINISTRATIVE AP-
PROVAL TO INJECT GAS INTO
PROPOSED CLASS II GAS
INJECTION WELLS LOCATED
IN SECTIONS 20, 29 AND 30,
TOWNSHIP 4 NORTH, RANGE
8 EAST, S.L.M., SUMMIT
COUNTY, UTAH

CAUSE NO. UIC-084

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER.

Notice is hereby given that
Amoco Production Company,
P.O. Box 829, Evanston, Wyo-
ming 82930, has requested
administrative approval from the
Division to convert the following
wells to Class II gas injection
wells:

ANSCHUTZ RANCH EAST
UNIT — Summit County, Utah
ARE #W20-02
ARE #W29-14
ARE #W30-08
ARE #W30-14

INJECTION INTERVAL: Nugget
Formation 11,850'-13,838' MAX-
IMUM ESTIMATED SURFACE
PRESSURE: 6100 psig MAXI-
MUM ESTIMATED WATER IN-
JECTION RATE: 80 MMSCFD

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

DATED this 22nd day of July,
1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant
Published in the Summit
County Bee August 8, 1986.

Subscribed and sworn to before me this 8 day of

August, 1985

Shirley B. Phelps

Susan F. Beup
Notary Public

My commission expires Nov 1, 1988

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

082823

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2110' FNL & 675' FEL		8. FARM OR LEASE NAME W30-08
16. PERMIT NO. 43-043-30183		9. WELL NO. W30-08
18. ELEVATIONS (Show whether of, ft., or, etc.) 7718' KB 7686' GL		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLK. AND SUBST OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH 13. STATE Summit Utah

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 ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	

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

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

The wells production equipment will be pulled and an injection packer will be run in the hole and set at 12,040'. Premium thread injection tubing will be run in the hole and a seal assembly will be used to sting into the packer. The following lower Zone 1 and Zone 2 intervals will be perforated with through tubing guns:

- 12,610' - 12,640' 4JSPF
- 12,655' - 12,750' 1 shot per 3 feet
- 12,864' - 12,900' 4JSPF
- 12,920' - 12,930' 4JSPF
- 12,960' - 21,974' 4JSPF
- 13,152' - 13,166' 4JSPF
- 13,220' - 13,232' 4JSPF

The well will be cleaned-up and then will be shut-in to await injection line installation and State approval for conversion to injection.

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

SIGNED [Signature] TITLE Staff Fac. Eng. Supervisor DATE 8-18-86

(This space for Federal or State office use)

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

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:
This does not constitute approval for conversion to injection.

DATE: 8-26-86
BY: [Signature]



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 26, 1986

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

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-084

Insofar as this Division is concerned, administrative approval is hereby granted to convert the following wells to Class II gas injection wells:

ANSCHUTZ RANCH EAST UNIT - Summit County, Utah

ARE #W20-02
ARE #W29-14
ARE #W30-08
ARE #W30-14

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

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

Best regards,

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

Dianne R. Nielson
Director

mfp
7627U

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

SUBM. TRIPLICATE*
(Other instructions on reverse side)

090420

8'

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee																				
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2110' FNL & 675' FEL		8. FARM OR LEASE NAME W30-08																				
14. PERMIT NO. 43-043-30183	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7718' KB 7686' GL	9. WELL NO. W30-08																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Nugget																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		11. SEC., T., R., M., OR BLE. AND SUBVST OR AREA Sec. 30, T4N, R8E
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 checked="" type="checkbox"/>																			
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>																				
		12. COUNTY OR PARISH Summit																				
		13. STATE Utah																				

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

The well's production tubing and packer were pulled and an injection packer was run and set at 12,042'. Ran high pressure injection tubing with seal assembly, stung into packer and landed tubing. The following intervals were perforated in lower Zone 1 and Zone 2:

- 12,610' - 12,640' 4JSPF
- 12,655' - 12,750' 1 shot per 3 feet
- 12,864' - 12,900' 4JSPF
- 12,920' - 12,930' 4JSPF
- 12,960' - 12,974' 4JSPF
- 13,152' - 13,166' 4JSPF
- 13,220' - 13,232' 4JSPF

RECEIVED
SEP 02 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED *R. S. Ramsey* TITLE *Dist Admin Supr.* DATE 8-27-86
(This space for Federal or State office use)

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



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

JRB
GLH
-FYI-
DTS

Commencement
MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

RECEIVED
OCT 30 1986

• AMOCO ROCKMOUNT COMPANY
P O BOX 829
EVANSTON WY 82930
ATTN: PRODUCTION & REVENUE

DIVISION OF
OIL, GAS & MINING

Utah Account No. N1390

Report Period (Month/Year) 9 / 86

Amended Report

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume		
					Oil (BBL)	Gas (MSCF)	Water (BBL)
W29-04 4304330129	04540	04N 08E 29	NGSD	3	1,046	20,044	11
E21-14 4304330130	04540	04N 08E 21	NGSD	0	—	—	—
AREU W21-04 4304330135	04540	04N 08E 21	NGSD	29	22,786	320,567	66
W16-06 4304330138	04540	04N 08E 16	NGSD	27	40,073	499,252	14,809
W20-16 4304330148	04540	04N 08E 20	NGSD	29	75,415	690,111	6
W30-16 4304330156	04540	04N 08E 30	NGSD	29	64,990	644,703	9
W36-16 4304330157	04540	04N 07E 36	NGSD	29	31,949	438,652	36
W20-06 4304330159	04540	04N 08E 20	NGSD	16	2,511	74,834	523
W32-04 4304330162	04540	04N 08E 32	NGSD	28	59,430	487,140	2
W31-08 4304330164	04540	04N 08E 31	NGSD	28	45,212	363,419	0
W31-04 4304330165	04540	04N 08E 31	NGSD	26	31,569	393,504	104
W17-16 4304330176	04540	04N 08E 17	NGSD	29	37,176	240,516	25
W30-08 4304330183	04540	04N 08E 30	NGSD	0*	—*	—*	—
TOTAL					412,157	4,172,742	15,591

Comments (attach separate sheet if necessary) * converted to gas injection well -
effective 9/1/86, please delete for Oct. 86

I have reviewed this report and certify the information to be accurate and complete.
Louis J. Lozye
Authorized signature

Date 10/28/86
Telephone 307-789-1700



UTAH NATURAL RESOURCE
Oil Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203 • (801) 538-5340

JRB
GLH
- FYI -
DTS

annuement
MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• AMOCO ROCKMOUNT COMPANY
P O BOX 829
EVANSTON WY 82930
ATTN: PRODUCTION & REVENUE

RECEIVED
OCT 30 1986

DIVISION OF
OIL, GAS & MINING

Utah Account No. N1390

Report Period (Month/Year) 9 / 86

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
W29-04 4304330129 04540 04N 08E 29	NGSD	3	1,046	20,044	11
E21-14 4304330130 04540 04N 08E 21	NGSD	0	—	—	—
AREU W21-04 4304330135 04540 04N 08E 21	NGSD	29	22,786	320,567	66
W16-06 4304330138 04540 04N 08E 16	NGSD	27	40,073	499,252	14,809
W20-16 4304330148 04540 04N 08E 20	NGSD	29	75,415	690,111	6
W30-16 4304330156 04540 04N 08E 30	NGSD	29	64,990	644,703	9
W36-16 4304330157 04540 04N 07E 36	NGSD	29	31,949	438,652	36
W20-06 4304330159 04540 04N 08E 20	NGSD	16	2,511	74,834	523
W32-04 4304330162 04540 04N 08E 32	NGSD	28	59,430	487,140	2
W31-08 4304330164 04540 04N 08E 31	NGSD	28	45,212	363,419	0
W31-04 4304330165 04540 04N 08E 31	NGSD	26	31,569	393,504	104
W17-16 4304330176 04540 04N 08E 17	NGSD	29	37,176	240,516	25
W30-08 4304330183 04540 04N 08E 30	NGSD	0*	—*	—*	—
TOTAL			412,157	4,172,742	15,591

Comments (attach separate sheet if necessary) * converted to gas injection well effective 9/1/86, please delete for Oct. 86

I have reviewed this report and certify the information to be accurate and complete.
Louis T. Payne
Authorized signature

Date 10/28/86
Telephone 307-789-1700

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
 ADDRESS P. O. Box 829
Evanston, Wyoming ZIP 82930
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE W30-08 WELL
 SEC. 30 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

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

APPLICATION

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

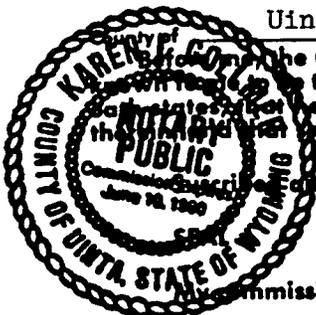
1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name UPRR 31-1	Well No. ARE W30-08	Field Anschutz Ranch East	County Summit
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>30</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 type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>on final Sundry</u> Will be reported	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Gas
Location of Injection Source(s) <u>Nitrogen extraction plant Uinta County, Wyoming</u>		Geologic Name(s) and Depth of Source(s) <u>Nitrogen extraction via atmosphere</u>	
Geologic Name of Injection Zone <u>Nugget</u>		Depth of Injection Interval <u>12,321</u> to <u>13,838</u>	
a. Top of the Perforated Interval: <u>12,321</u>	b. Base of Fresh Water: <u>3000'</u>	c. Intervening Thickness (a minus b) <u>9321'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u> NO			
Lithology of Intervening Zones <u>Gannet (claystone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>80 MMSCFD</u> B/D <u>6100</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 the Unit Agreement</u>			

State of Wyoming
Uinta

Amoco Production Company

Applicant



I, the undersigned authority, on this day personally appeared T.G. Idor
 who is the person whose name is subscribed to the above instrument, who being by me duly sworn on
 and sworn to before me this 30th day of June, 19 86
 and is duly authorized to make the above report and that he has knowledge of the facts stated

Commission expires June 10, 1990

Notary Public in and for Evanston, Wyo

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

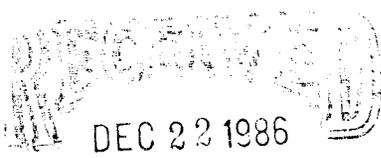
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Gas Injection Well</u>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR <u>AMOCO PRODUCTION COMPANY</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>P. O. BOX 829, EVANSTON, WYOMING 82930</u>		7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2110' FNL & 675' FEL</u>		8. FARM OR LEASE NAME <u>W30-08</u>
14. PERMIT NO. <u>43-043-30183</u>	15. ELEVATIONS (Show whether DF, ST, GR, etc.) <u>7718' KB 7686' GL</u>	9. WELL NO. <u>W30-08</u>
		10. FIELD AND POOL, OR WILDCAT <u>Nugget</u>
		11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA <u>Sec. 30, T4N, R8E</u>
		12. COUNTY OR PARISH <u>Summit</u>
		13. STATE <u>Utah</u>

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

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

In regard to fulfilling the requirements of Rule 505, the annulus of the W30-08 well was ~~pressure tested~~ on 8-21-86 to 1500 psi with 8.5 pound per gallon fluid in the annulus for 15 minutes. The packer is set at 12,042'. No leaks were detected at the end of the test. The well is currently injecting high-pressure gas into the Nugget formation.



DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Roberta N. Dean TITLE Administrative Supervisor DATE 12-19-86

(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

Norman H. Bangerter
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 (DOG M) 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

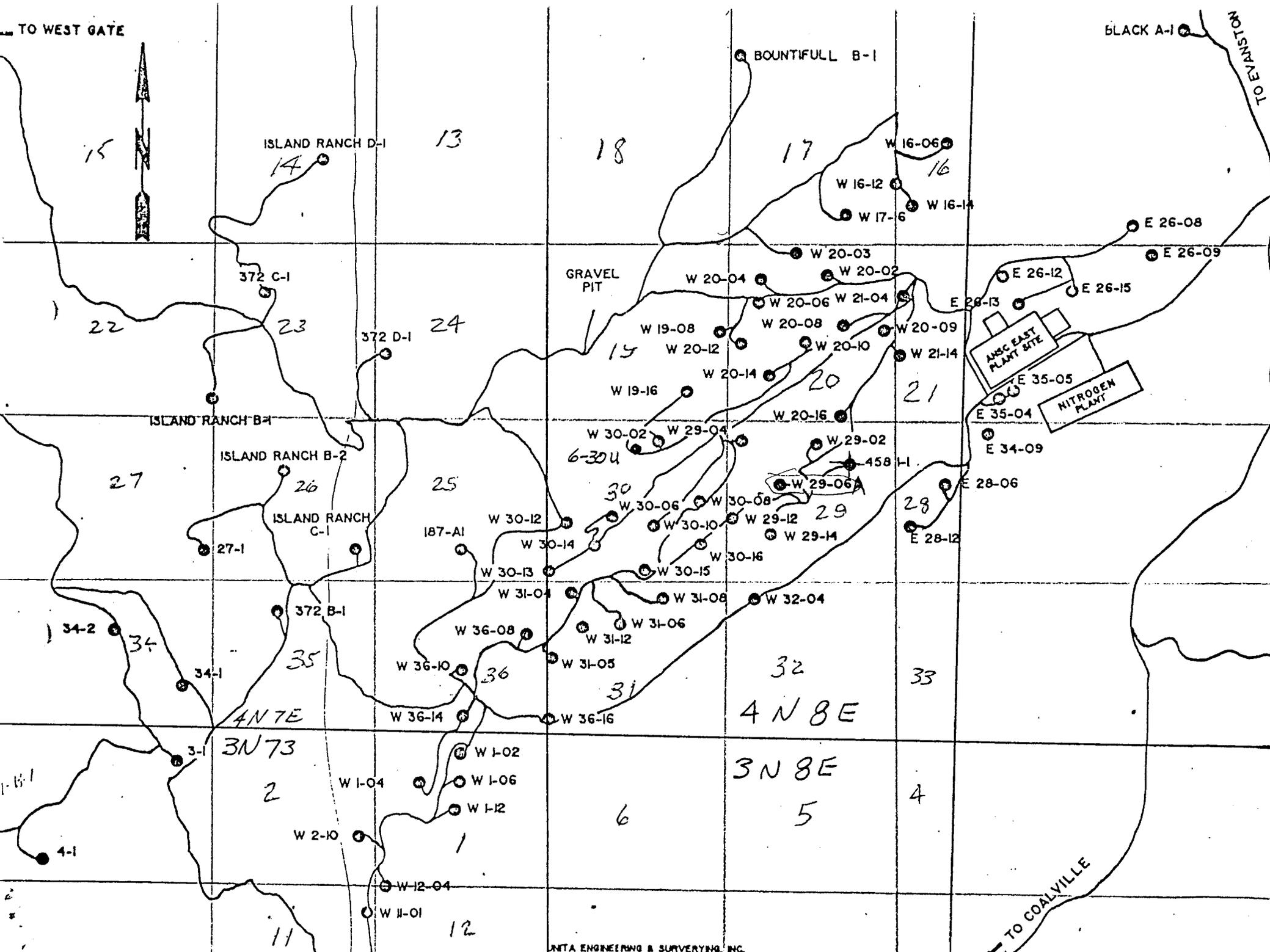
SS

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

BLACK A-1
TO EVANSTON



ANTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
EVANSTON, ILLINOIS 60120

JUNE 1988

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: 43-043-30183 WELL NAME/NUMBER: AREU # W-30-08
SECTION: 30 TOWNSHIP: 4N RANGE: 8E

INITIAL CONDITIONS:

TUBING - rate: pressure: 4950
CASING/TUBING ANNULUS - pressure: 500

CONDITIONS DURING TEST:

TUBING pressure: 4950 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1000 psi 15 min
annulus pressure drop during test: None psi

CONDITIONS AFTER TEST:

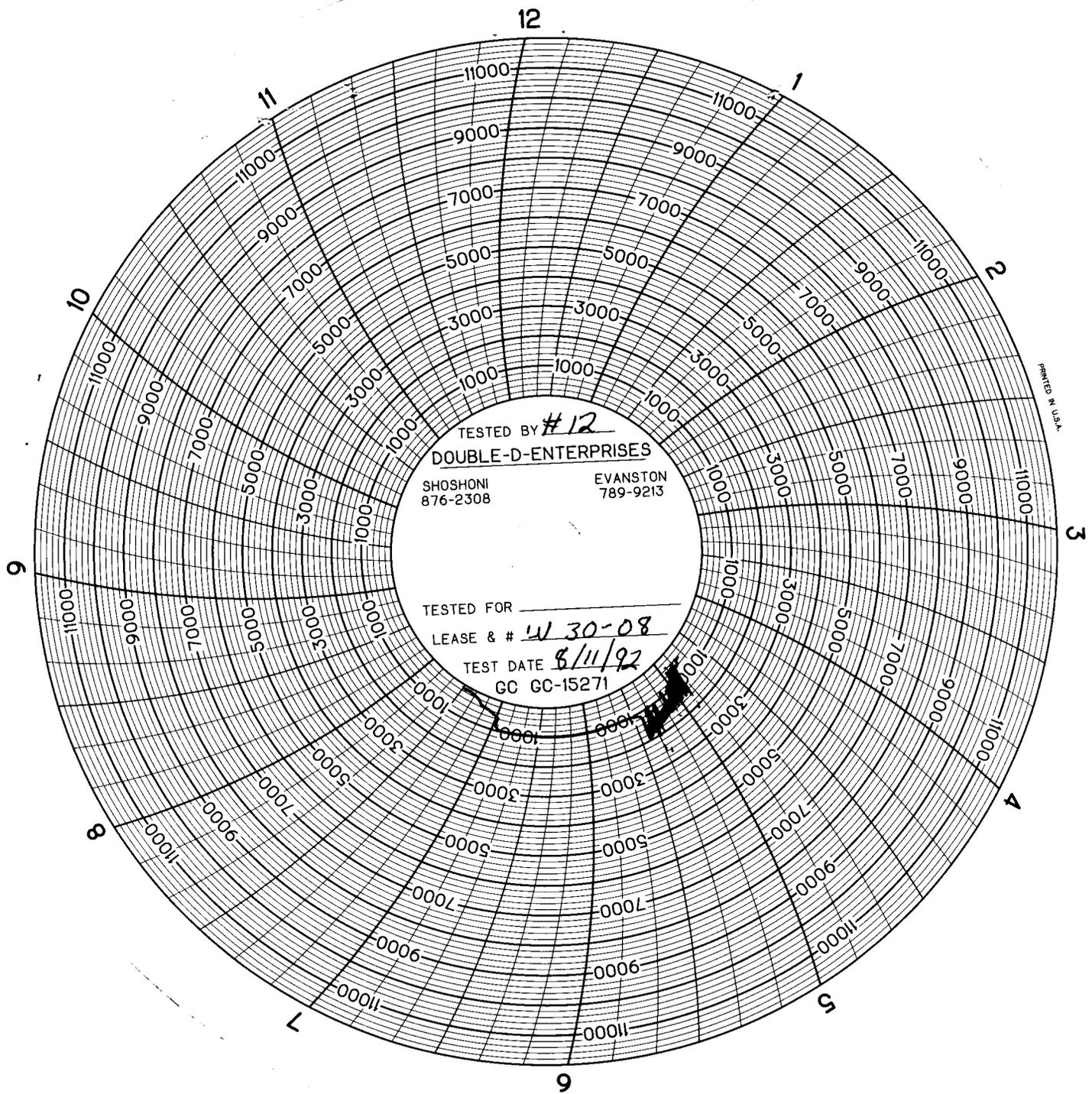
TUBING pressure: 4950 psi
CASING/TUBING ANNULUS pressure: 500 psi

REMARKS:

Russell D. Granger
OPERATOR REPRESENTATIVE

J. L. [Signature]
DOGDM WITNESS

PRINTED IN U.S.A.



TESTED BY #12
DOUBLE-D-ENTERPRISES

SHOSHONI
876-2308

EVANSTON
789-9213

TESTED FOR _____
LEASE & # W 30-08
TEST DATE 8/11/92
GC GC-15271

1000
3000
5000
7000
9000
11000

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1995

SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: <p style="text-align: center;">FREE</p>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name: <hr/>
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		7. Unit Agreement Name: Anschutz Ranch East
2. Name of Operator: Amoco Production Company		8. Well Name and Number: W30-08
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201		9. API Well Number: <u>30183</u> 43-043-31083
4. Location of Well: <u>2109'</u> <u>W05'</u> Footages: <u>2110'</u> FNL x <u>675'</u> FEL CO, Sec., T., R., M.: Sec 30 T4N-R8E		10. 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																											
<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>Conversion</u></td> </tr> </table> <p>Approximate date work will start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<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"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Conversion</u>		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Date of work completion _____</p> <p style="font-size: x-small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<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"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

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 authorization to convert the subject well from an injector to a gas producer. No downhole work will be necessary for the conversion.

If you require additional information, please contact Raelene Krcil @ (303) 830-5399.

13. Name & Signature: <u>Raelene K. Krcil</u>	Title: <u>Regulatory Analyst</u> Date: <u>2/14/96</u>
<p style="margin: 0;">Accepted by the State of Utah Division of Oil, Gas and Mining</p> Date: <u>2-21-96</u> By: <u>[Signature]</u>	

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)
4304330176	04540	04N 08E 17	NGSD			Free		
4304330183	04540	04N 08E 30	NGSD			"		
4304330185	04540	04N 08E 30	NGSD			"		
4304330188	04540	03N 07E 1	NGSD			"		
4304330190	04540	04N 08E 31	NGSD			"		
4304330204	04540	04N 08E 19	NGSD			"		
4304330215	04540	04N 08E 30	NGSD			"		
4304330217	04540	04N 08E 31	NGSD			"		
4304330220	04540	04N 08E 20	NGSD			"		
4304330226	04540	04N 08E 28	NGSD			"		
4304330227	04540	04N 07E 36	NGSD			"		
4304330228	04540	04N 08E 20	NGSD			"		
4304330229	04540	04N 08E 20	NGSD			"		
TOTALS								

REMARKS:

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

Date: _____

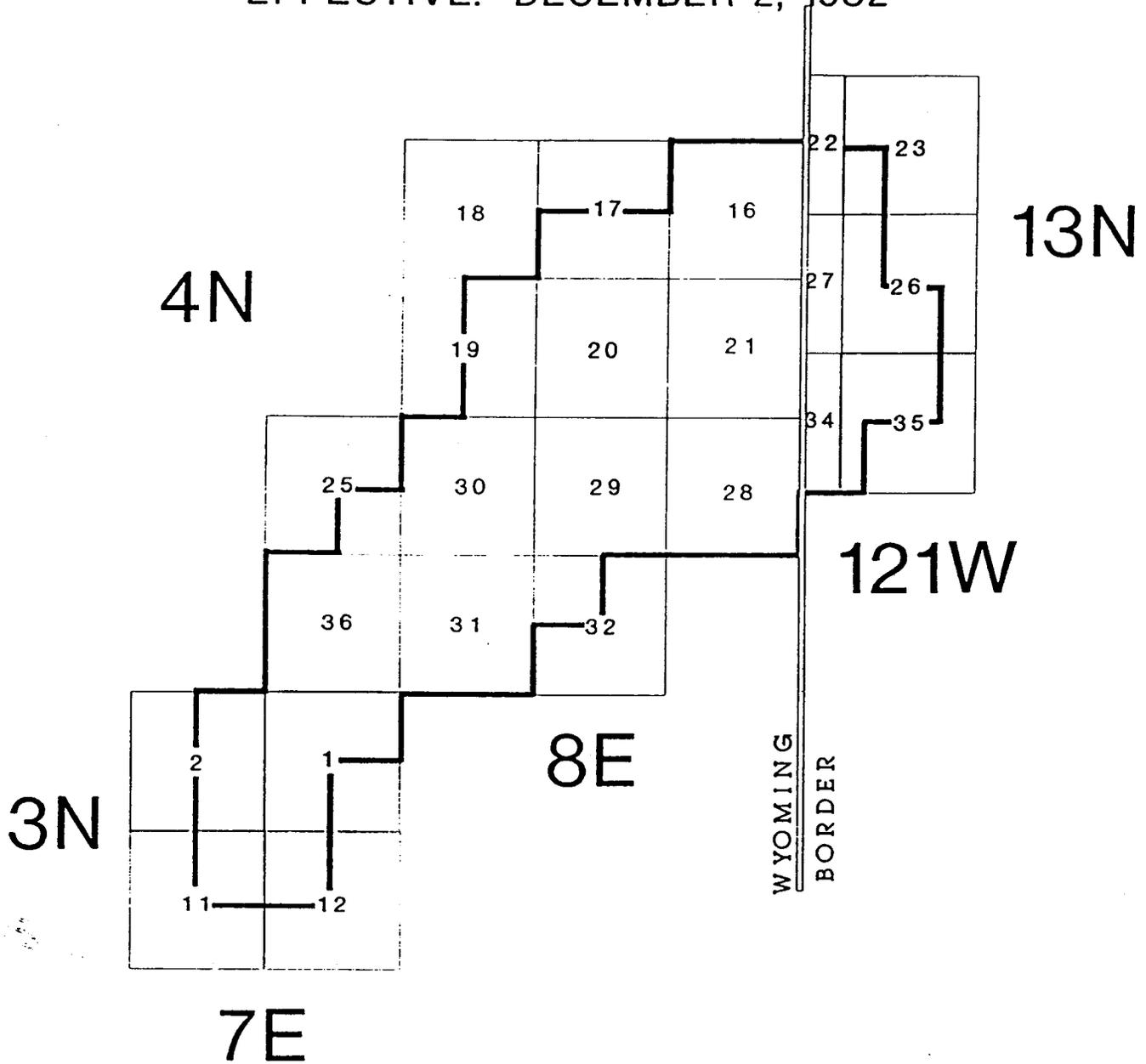
Name and Signature: _____

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

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

7. Unit Agreement Name:
W30-08

9. Well Name and Number:

8. API Well Number:

43-043-30183

10. Field and Pool, or Wildcat:

ARE

County: Summit

State: Utah

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: 2109' FNL, 665' FEL

QQ, Sec., T., R., M.: Sec 30, T4N, R8E

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <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"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <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"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

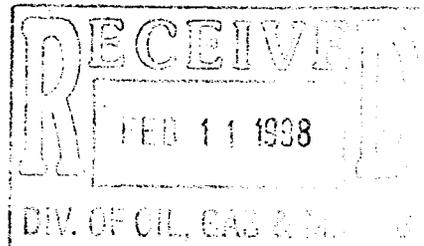
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* 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.



3. Name & Signature: G. G. Martinez

Permit Agent

2/5/98

Title:

Date:

(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**NAMES**

J. M. Brown

J. M. Gross

D. H. Welch

ADDRESSES501 WestLake Park Boulevard
Houston, TX 77079501 WestLake Park Boulevard
Houston, TX 77079200 East Randolph Drive
Chicago, IL 60601**OFFICERS****NAMES**

J. M. Brown

M. R. Gile

J. N. Jagers

OFFICES

President

Vice President

Vice President

ADDRESS501 WestLake Park Blvd.
Houston, TX 770791670 Broadway
Denver, CO 802021670 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)
)
) ss.
CITY OF DENVER)

I, Sheryl 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 26th day of January, 1995.

Sheryl A. White
Notary Public



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.

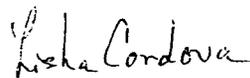
This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

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)

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓
2-GLH ✓	7-KAS ✓
3-FPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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 ROCKMOUNT 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>43-043-30183</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: _____

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/UIC "No Chg.", DBASE/UIC "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 Reservoir 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

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

FILING

- CHD 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 oper. for Anschutz Ranch East Unit (State Unit) already Amoco Production Co.

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

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Form Number:

FEE

6. If valid, Address or Title Name:

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. Lease Agreement Name:

ANSCHUTZ RANCH EAST

8. Well Name and Number:

ARE. W30-08

9. API Well Number:

43-043-30183

10. Field and Pool, or Wellhead:

ANSCHUTZ RANCH EAST

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

AMOCO PRODUCTION COMPANY

3. Address and Telephone Number:

(281-366-2036) 501 WESTLAKE PARK BLVD, HOUSTON, TX 77253-3092

4. Location of Well:

Parcels:

2110' FNL & 675' FEL

County: SUMMIT

Oil, Gas, T.A.M.U.

SECT: 30 TWP: 4N RGE: 8E

State: UTAH

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

NOTICE OF INTENT
(Submit in duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other PULL TUBING - FLOW UP CASING
- New Construction
- Pull or Alter Casing
- Recomplete
- Repair/Restore
- Vent or Flare
- Water Shut-Off

Approximate date work will start: APRIL 15, 2000

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion: _____

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

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data. If well is ultimately drilled, give subsurface features and reservoirs and the vertical depths for all sections and zones pertinent to this work.)

- AFTER CAREFUL STUDY OF EXISTING COMPLETIONS WITHIN THE A.R.P. FIELD WE FEEL THE SUBSTANTIAL BENEFITS FROM PULLING THE COMPLETION OUT WEIGH THE MINIMAL RISK OF COLLAPSING THE CASING IN THIS LOW PRESSURE GAS WELL.

- SEE THE ATTACHED PROCEDURE

13.

Name & Signature:

[Signature]

Title: PETROLEUM ENGR.

Date: 2/16/00

(This space for State use only)

APPROVED

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: 2-24-00

(See Instructions on Reverse Side)

COPY SENT TO OPERATOR

Date: 2-25-00
Initials: CHO

To: Allan Karsky
Stacy Swingle

Date: February 24, 1999

Subject: A. R. E. W30-08 Tubingless Completion Procedure

Please see attached a procedure for pulling the tubing string from the Anschutz Ranch East W30-08 using a workover rig and rig assist snubbing unit. This well currently produces approximately 10.5 MMCFD x 21BCPD x 7 BWPD at a wellhead pressure of 300 psi. Well modeling analysis suggest that pulling the tubing and producing up the annulus will increase production by approximately 4 MMCFD x 8 BCPD.

This workover is not expected to exceed a cost of \$135 M gross (\$65 M net) and should payout in approximately 37 days based on the incremental production. The anticipated downtime of the well is expected to be approximately 3 days. Please proceed with this procedure at your earliest convenience. Should you have any questions please contact me in Houston at 281-366-2036.

Terry Miglicco
A.R.E. Operations Engineer

Workover Procedure
Anschutz Well No. W30-08

Location: Section 30, T04N-R08E County: Summit State: Utah

Objective: Pull the tubing string without losing water to the formation

Caution: please review well history and completion diagram in detail before proceeding

Conduct all pre-workover safety meetings. No shortcuts on Safety

1. Shut well in and shutoff chemical injection (if applicable)
2. Rig up Schlumberger slick line unit and lubricator. Rig up Nitrogen tanks and pumps. Tie in N2 line to the casing tubing annulus. Pressure test all lines to 3,000 psi for 5 minutes. Pressure test lubricator to 3,000 psi for 5 minutes.
3. RIH with slickline and set plug in the bottom 2.313" "X" nipple profile at 12,081 ft.
4. Rig up Schlumberger electric line and run 1 11/16" tubing punch. Punch three 0.3" diameter holes one foot apart in the tubing at 12,017-20 ft. which is below the "R" nipple at 12,008 ft. and above the packer at 12,042 ft. (This will allow packer fluid to U-tube into the tubing string.)
5. Pump down tubing displacing water up the annulus to the pit or a holding tank until the tubing and annulus are dry (full annulus volume 303 bbls). Rig down N2 equipment (keep on standby incase N2 is needed for equalizing pressure above lower plug).
6. Rigup slickline unit. Pull plug from the nipple at 12,081 ft. Rig down wireline units. Place well on production until workover rig and snubbing unit are on location. (release N2 equipment)

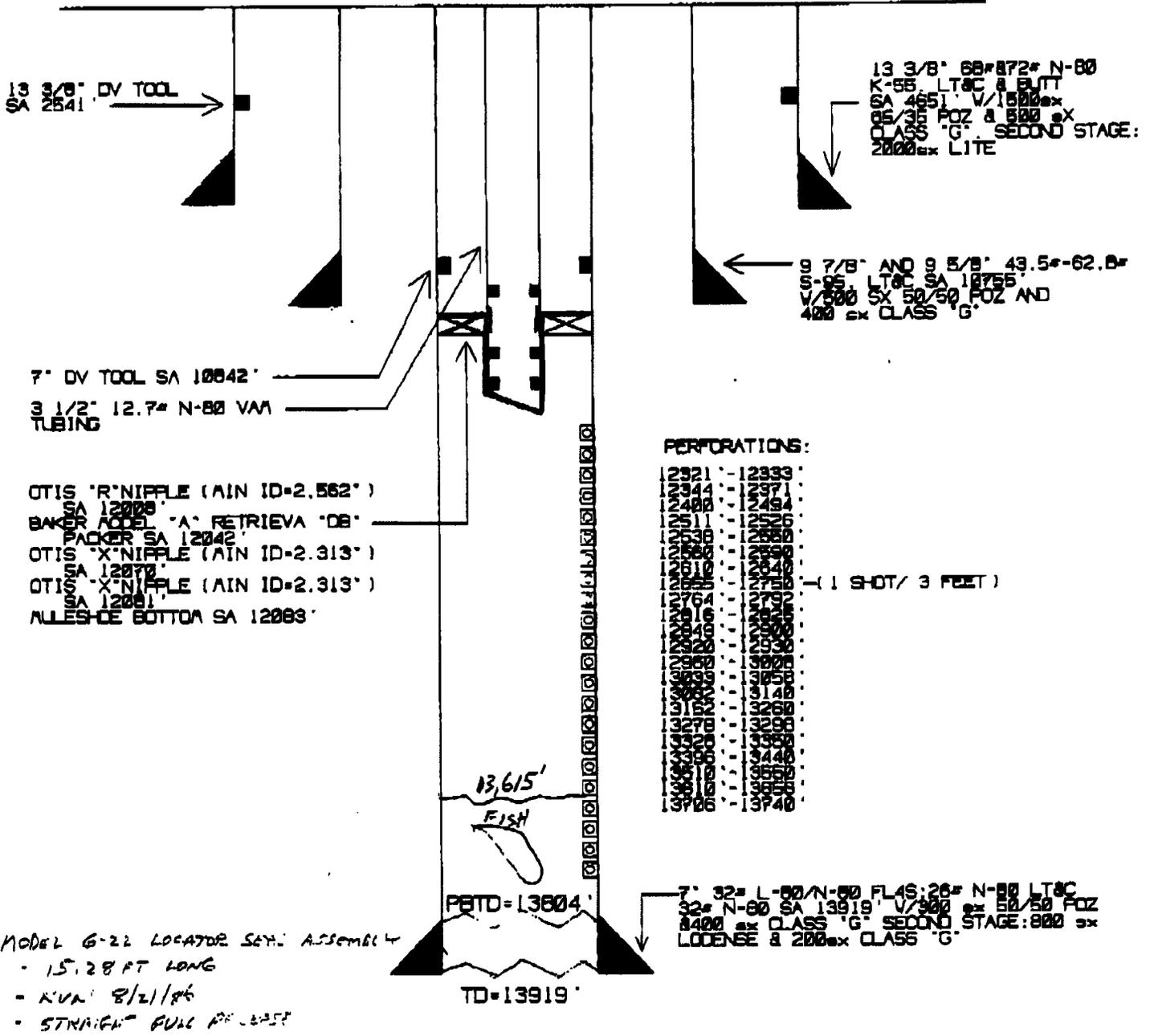
7. Rigup workover rig and rig assisted hydraulic snubbing unit. Rigup tanks (500 bbls), piping and pumps for pumping kill weight fluid (water) down the annulus and tubing if necessary.
8. Rigup slickline unit and lubricator. Test lubricator to 3,000 psi for 5 minutes. RIH and set plug in the "R" nipple at 12,008 ft immediately above the holes previously punched. Bleed off surface pressure to test plug from below with reservoir pressure for 5 minutes.
9. Sting out of the Baker Retrieval "DB" packer with Model "G-22" locator assembly. Place well on production up the annulus to minimize surface pressure and snub completion out of the well. Lay down the tubing string in singles in preparation for removal from location. NOTE: Punched holes must clear the annular preventors with the upper plugged nipple profile.
10. Rig up Schlumberger and lubricator. Test lubricator to 3,000 psi for 5 minutes. Run 60 arm caliper from 12,000 ft to 5,000 ft to check casing ovality. Immediately report any ovality concerns to Houston ext. 2036
11. Shut well in. Snub in wireline re-entry guide, 2.750" "X" nipple, and hanger. (provides double barrier protection for surface seals to comply with BPA well control policies).
12. Rig down workover rig snubbing unit and slickline unit.
13. Place well on production.

LAST UPDATED:
8/16/86

CURRENT

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W30-08

LOCATION: 2110' FNL x 675' FEL. SEC. 30 T4N R8E
ELEVATION: 7718' KB / 7686' GL



FINAL
WELLBORE DIAGRAM

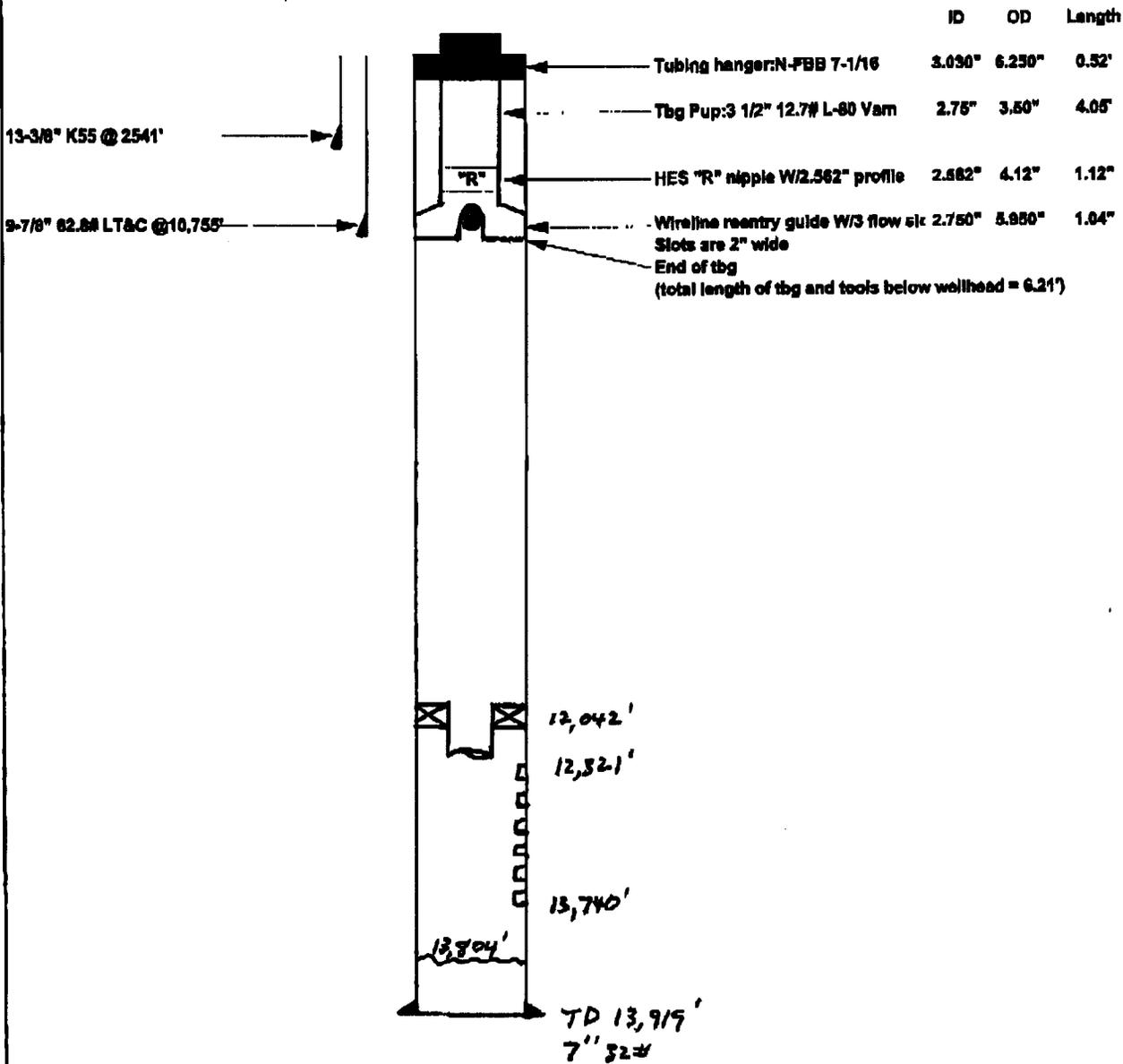
Completion

Field: Anschutz Ranch East Field

Well: No. W30-08

SEC: 36 TWP: 4N R05: 6E

KB Correction:



BP Amoco

FACSIMILE TRANSMISSION



To: State Of Utah Department of Natural Resources Division of Oil, Gas and Mining Attention: Bob Krueger Fax No.: 801-359-3940	From: Terry Miglicco BP Amoco Exploration Western U.S. Gas Business Unit P.O. Box 3092 Houston, Texas 77253-3092 Telephone: 281-366-2036 Reply Fax: 281-366-7937
Date: 2/24/00	No. of Pages Including Cover:

Please see attached Sundry notices for :

Thank you,

Terry

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

FEE

6. If Indian, Address of Tribe Name:

7. Unit Agreement Name:

Anschutz Ranch East

8. Well Name and Number:

W30-08

9. API Well Number:

4304330183

10. Field and Pool, or Wildcat:

Anschutz Ranch East

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: Amoco Production Company

3. Address and Telephone Number: Ph (281) 366-5796
501 Westlake Park Blvd, Houston, TX 77253-3092

4. Location of Well: 2110' FNL x 6-75' FEL
3109 665

OO, Sec., T., R., M.: Section: 30 TWP: 4N R6E: 8E

County: Summit

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion April 3, 2000

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

* Must be accompanied by a cement verification report.

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

- Please see attached procedure and wellbore diagram

13.

Name & Signature:

Jon Lowe
[Signature]

Title: Operations Engineer Date: 10/13/00

(This space for State use only)

APPROVED

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

[Signature]

Date: 10-24-00

COPY SENT TO OPERATOR

Date: 10-24-00
Initials: CRP

See Instructions on Reverse Side

BP AMOCO

UPDATED: 4/4/2000

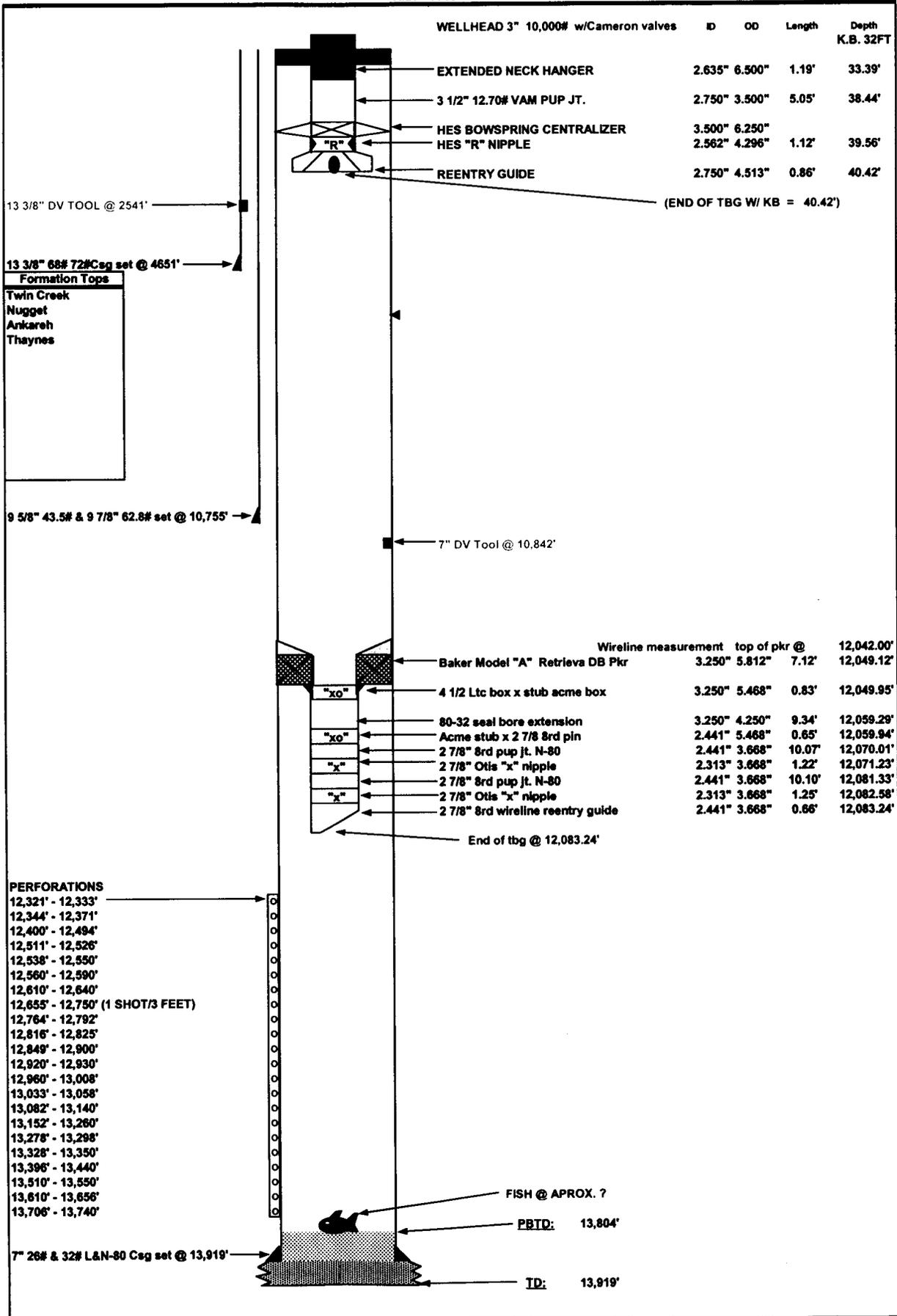
Submitted by: M. Olson

WELLBORE DIAGRAM

Field: Anschutz Ranch
Well: W30-08

SEC: 30 TWP: 4N RGE: 8E

K.B. = 7718' GL = 7686' KB Correction: 32.20 FT.



Workover Procedure

Anschutz Well No. W30-08

Location: Section 30, T04N-R08E County: Summit State: Utah

Objective: Pull the tubing string without losing water to the formation

Caution: please review well history and completion diagram in detail before proceeding

Conduct all pre-workover safety meetings.

NOTE: Xmas tree is to be completely refurbished and tested. A second valve is to be installed on the wellhead annular outlet while the well is dead with downhole plugs in place. This is to provide double barrier protection when rigging up lines to the annulus.

1. Rigup workover rig, two tanks (500 bbls each), piping, annulus manifold and pumps for pumping kill weight fluid (water) down the annulus and tubing if necessary. (have xmas tree sent in for complete rebuild).
2. Shut well in and shutoff chemical injection (if applicable)
3. Rig up Schlumberger slick line unit and lubricator. Rig up Nitrogen tanks and pumps. Tie in N₂ to pump down the tubing. Pressure test all lines to 3,000 psi for 5 minutes. Pressure test lubricator to 3,000 psi for 5 minutes.
4. RIH with slickline and set plug in the bottom Otis 2.313" "XN" nipple profile at 12,083 ft. RIH and sting in with equalizing prong. Bleed down any pressure in the tubing string to test lower plug and so as to not trap pressure. RIH and set plug in the Otis 2.313" nipple 12,070 ft. RIH and sting in with equalizing prong. Rig down slickline unit.
5. Pickup tubing string approximately 20 ft and sting out of the Baker Retrieval "DB" packer at 12,042 ft. with Model "G-22" locator assembly (locator and seal assembly are 16.3 ft long, see diagram). *NOTE: annular hydrostatic pressure is approximately 5,000 psi. Prior to stinging out of packer fill tubing string to a level of 6,930 ft above the packer (approximately 50 bbls of water, this assumes the tubing is dry)*

to minimize differential. This will provide 3,000 psi of pressure inside, differential will be 2,000 psi at the locator.

6. Immediately begin pumping down the annulus and up the tubing to clear downhole debris. Displace with water until packer top is clean.
7. begin pumping down the tubing with nitrogen displacing water up the annulus to a 500 bbl holding tank until the tubing and annulus are dry (full annulus volume 303 bbls). Rig down N2 equip. (keep on standby).
8. Bleed nitrogen pressure off the annulus. Check the well for flow. Set VR plugs in the annulus as requested.
9. Pull out of hole with the tubing string laying down in singles.
10. Rig up Schlumberger slick line unit and lubricator. RIH with slickline, equalize pressure and PULL plug from the Otis 2.313" nipple at 12,070 ft. Pump 20 bbls (equals approximately 500 psi) of 2% KCL on to bottom plug to minimize differential (estimated pressure below plug is approximately 2,500 to 3,500 psi). RIH with slickline, latch onto prong, equalize pressure and PULL plug from the bottom Otis 2.313" "X" nipple profile 12,083 ft. Use N2 as necessary to assist with release of plug. Rig down slickline.
11. Rig up Schlumberger e-line and caliper. Run 36 arm caliper (tool OD 3.55") from 12,000 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext. 2036
12. Rigup lubricator with 6 ft completion inside. Pressure test lubricator. RIH with (5.950") wireline re-entry guide, Otis 2.562" "R" and hanger. (Provides double barrier protection for surface seals).
13. Land and tighten hanger. Rig down. Place well on production.

NOTE: any time lubricator connection is broken lubricator must be retested to 3,000 psi for 5 minutes.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

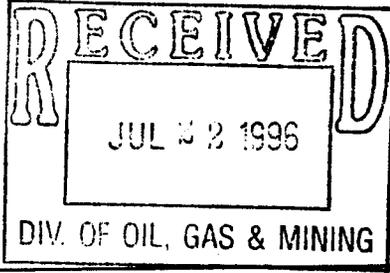
SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: FEE
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name:
		7. Unit Agreement Name: Anschutz Ranch East
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		8. Well Name and Number: W30-08
2. Name of Operator: Amoco Production Company		9. API Well Number: 43-043-30183
3. Address and Telephone Number: P.O. Box 800 Room 1735E Denver, CO 80201		10. Field and Pool, or Wildcat: Anschutz Ranch East
4. Location of Well Footages: 2109' FNL x 665' FEL County: Summit		State: Utah
QQ, Sec., T., R., M.: Sec 30 T4N-R8E		

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>Conversion to gas producer</u> 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 converted the subject well from an injector to a gas producer. No downhole work was performed. Please change all your records to reflect this conversion.



13. Name & Signature: Raelene Krcil Title: Regulatory Analyst Date: 7/18/96

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
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: See Attached
2. NAME OF OPERATOR: Amoco Production Company		8. WELL NAME and NUMBER: See Attached
3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd CITY Houston STATE TX ZIP 77079		9. API NUMBER: Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		10. FIELD AND POOL, OR WILDCAT: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: 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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<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)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

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

CERTIFICATE

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

1. That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.;
2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

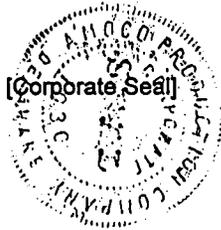
NOW, THEREFORE, BE IT,

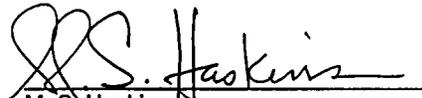
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

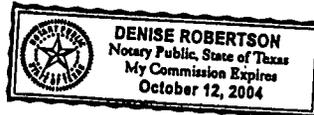
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

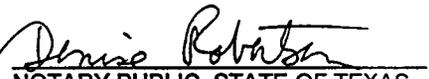



M. S. Haskins

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

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

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

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

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

CA No.

Unit: ANSCHUTZ RANCH EAST

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ANSCHUTZ RANCH EAST W20-02	43-043-30228	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-03	43-043-30291	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-04	43-043-30238	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-06	43-043-30159	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-09	43-043-30286	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-10	43-043-30229	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-12	43-043-30220	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST E21-14	43-043-30130	4540	21-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W21-04	43-043-30135	4540	21-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST E28-06	43-043-30226	4540	28-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST E28-12	43-043-30257	4540	28-4N-8E	FEE	GW	P
ARE 29-04ST1	43-043-30129	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-02	43-043-30136	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-12	43-043-30154	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-06A	43-043-30250	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-14A	43-043-30251	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-08	43-043-30183	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-10	43-043-30215	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-14	43-043-30185	4540	30-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-16	43-043-30156	4540	30-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

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

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

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

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

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

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

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

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

DATA ENTRY:

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

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

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

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

STATE BOND VERIFICATION:

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

INDIAN BOND VERIFICATION:

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

FEDERAL BOND VERIFICATION:

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

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

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

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

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input 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
PHONE NUMBER: (281) 366-2000		8. WELL NAME and NUMBER: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See Attached
		COUNTY: 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"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Frank 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

(This space for State use only)

RECEIVED
JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	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
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENW	1397	N	2181	W
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	715	N	2182	E
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	2531	S	7	W
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENW	1900	N	1652	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	36	NESW	2315	S	3185	E
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NWNE	319	N	2000	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

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):	TO: (New Operator):	
N1990-BP America Production Company 501 WestLake Park Blvd Houston, TX 77079 Phone: (281) 366-2000	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:
