

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON: 3-4-83

OIL CO: Amoco

WELL NAME & NUMBER ARE W-29-14A ✓

SECTION: 29

TOWNSHIP: 4N

RANGE: 8E

COUNTY: Summitt STATE: Utah

DRILLING CONTRACTOR: Parker 173

TESTED BY: DOUBLE "D" ENTERPRISES, INC.
712 Morse Lee Street

PHONE NUMBERS: Evanston, Wyoming 82930
(307) 789-9213 or (307) 789-5821

EVANSTON SHOP ADDRESS:
96 WILLOW WAY

SUNSET INDUSTRIAL PARK
EVANSTON, WYOMING 82930

INVOICES BILLED OUT OF:

DOUBLE "D" ENTERPRISES, INC.
P.O. Box 560

Shoshoni, Wyoming 82649

OIL CO. SITE REPRESENTATIVE: Loren Williams

RIG TOOL PUSHER: Lawrence Jarvis Rex Evans

TESTED OUT OF EVANSTON OFFICE:

NOTIFIED PRIOR TO TEST: Utah Oil & Gas - could not reach

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah Oil & Gas

Amoco Office - EVANSTON

Amoco Site Rep

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

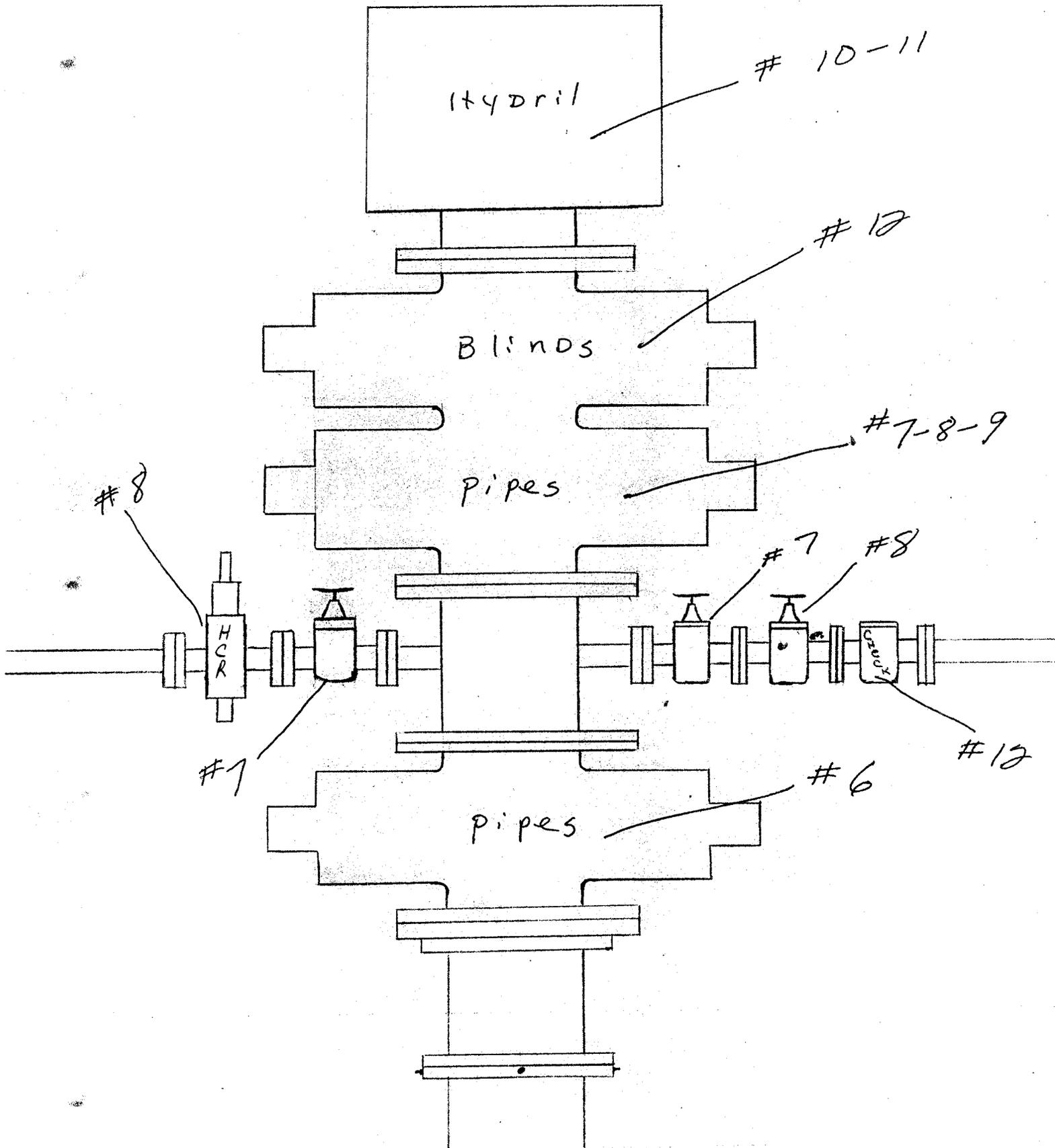
Shane McKeown Phone Number (307) 789-4790

Mike Rykhus Phone Number (307) 789-5162

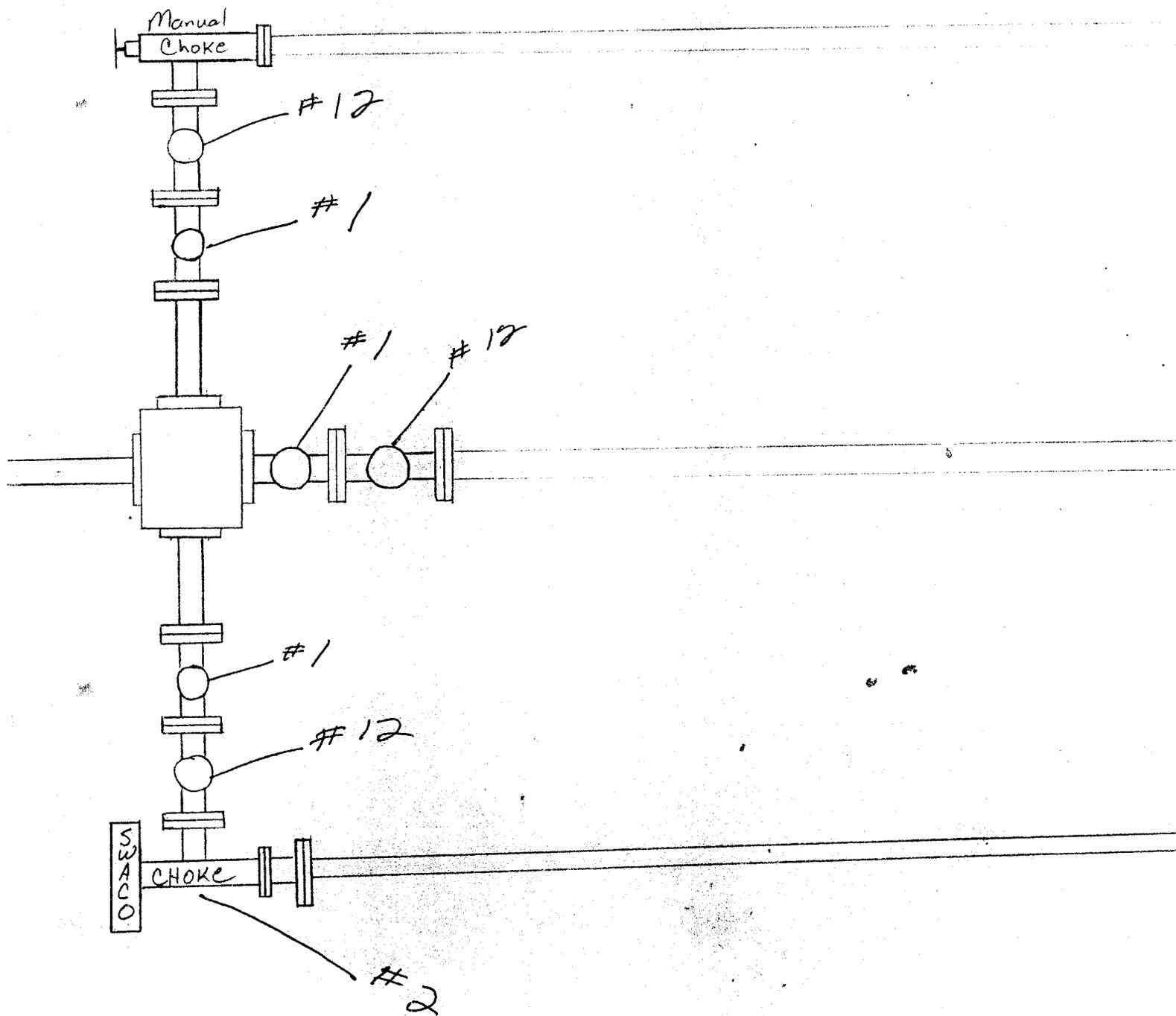
Evanston, Wyoming 82930

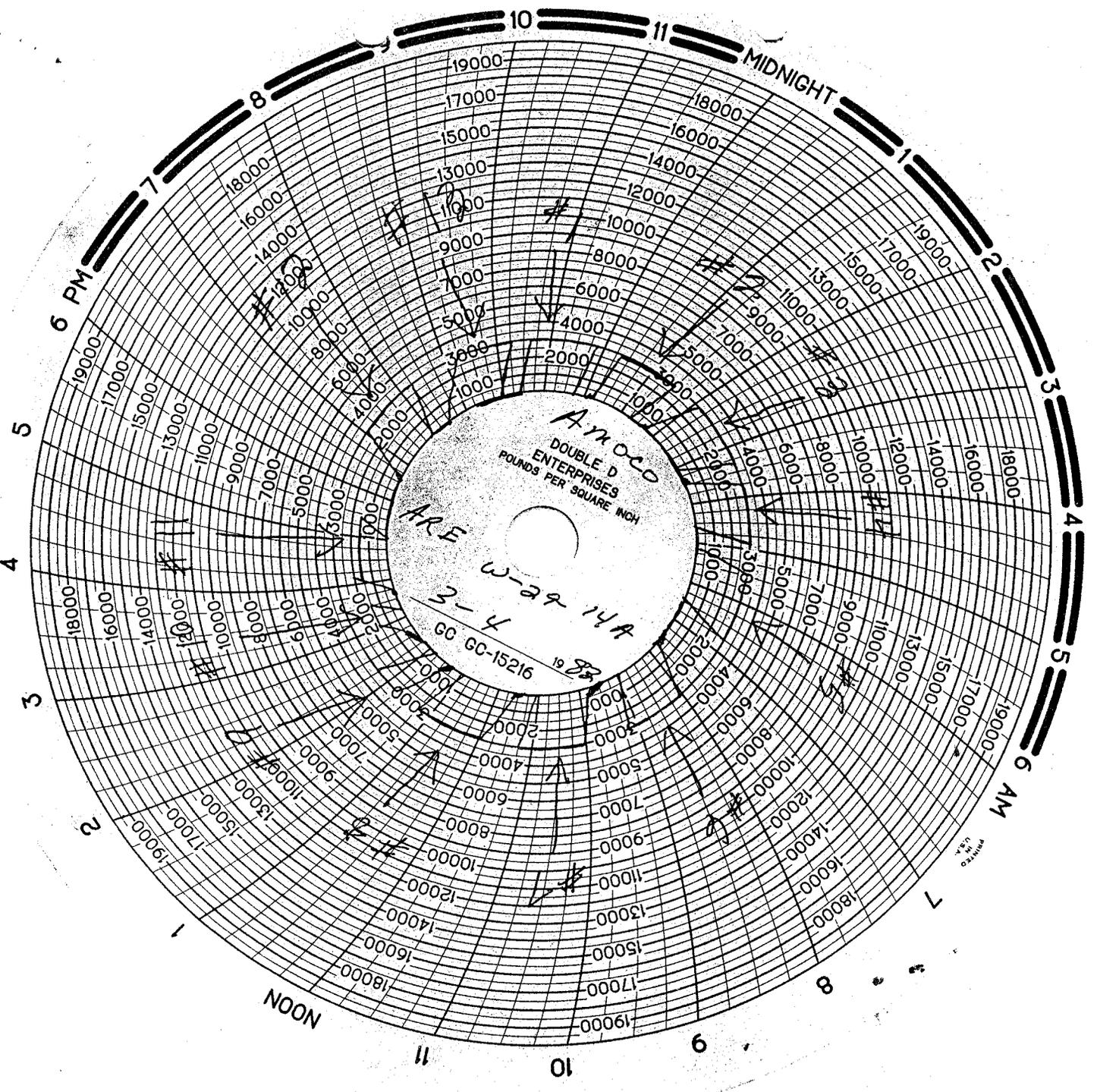
Company	lease & Well Name	DATE	
Amoco	ARE W-29-14A	3-4-83	Parker 173
Test #	Time		
	1:05 AM	ARRIVE ON LOCATION	
		Rig tripping out	
1.	1-2:30	UNLOAD truck Rig up test 1st 3 manifold values 3000 15 min OK	
2		test super choke 3000 15 min OK Kelly up Rig up TiW & Kelly sub	
3.	2:30-2:45	Test TiW 3000 15 min OK	
	2:45-2:50	Test Attempt on lower Kelly work lower Kelly	
4.	2:50-3:05	Test lower Kelly 3000 15 min OK	
5.	3:05-3:20	Test upper Kelly 3000 15 min OK	
	3:20-3:45	Rig down Kelly sub & TiW Kelly DOWN Rig up retriever Retrieve wear ring Rig up test Plug Fill hole. RUN & set Plug Fill stack I washed stack & pumped cellar while testing Kelly	
6.	3:45-4:00	Test lower pipes 3000 15 min OK	
7.	4:00-4:15	Test upper pipes 1st manual kill valve manual choke line valve 3000 15 min OK	
8.	4:15-4:30	Test HCR & 2nd manual kill line valve 15 min 3000 OK	
9.	4:30-4:35	check casing pressure gauge on choke pane - READS 500 lbs high	

Paerce # 173



Parker #173



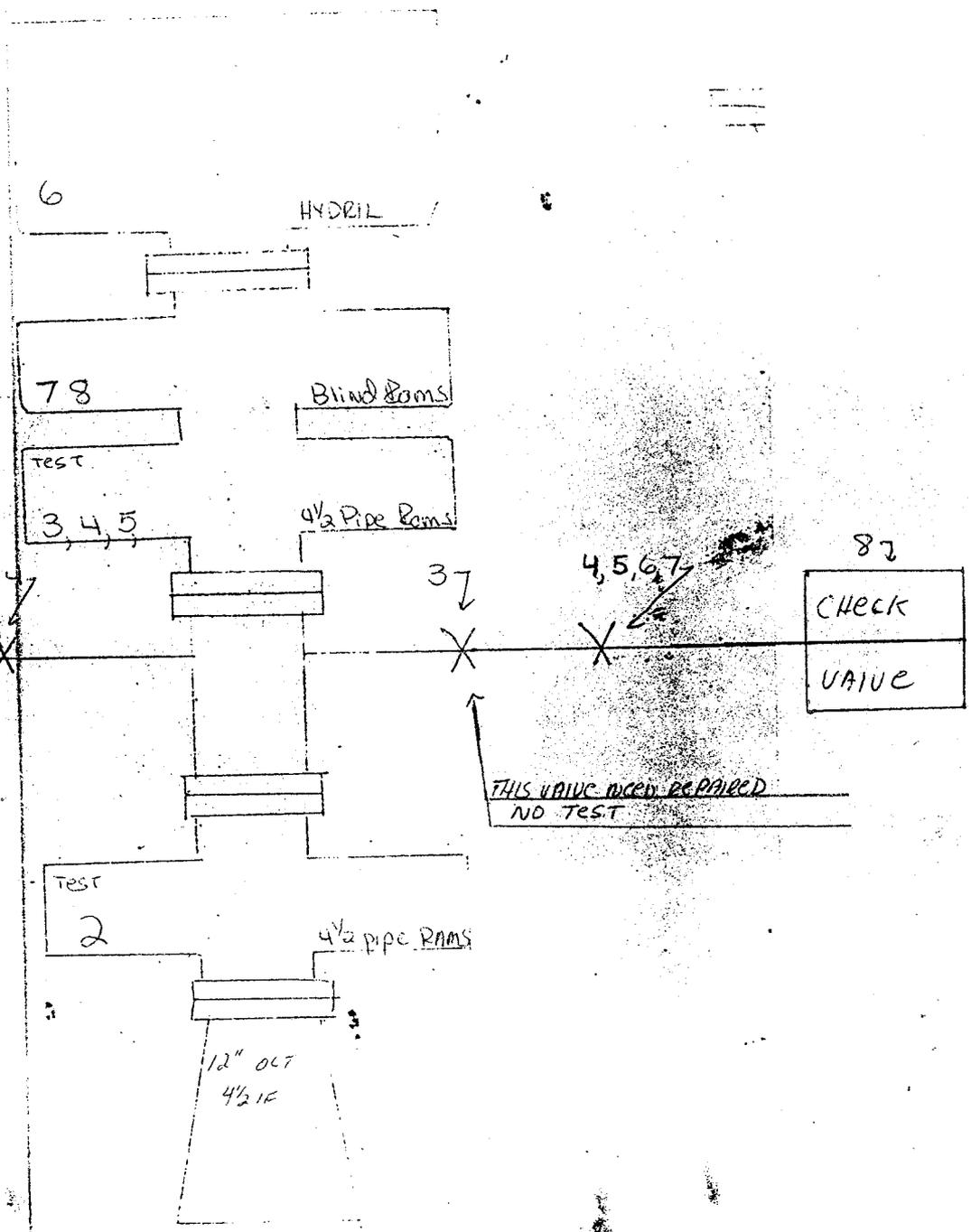
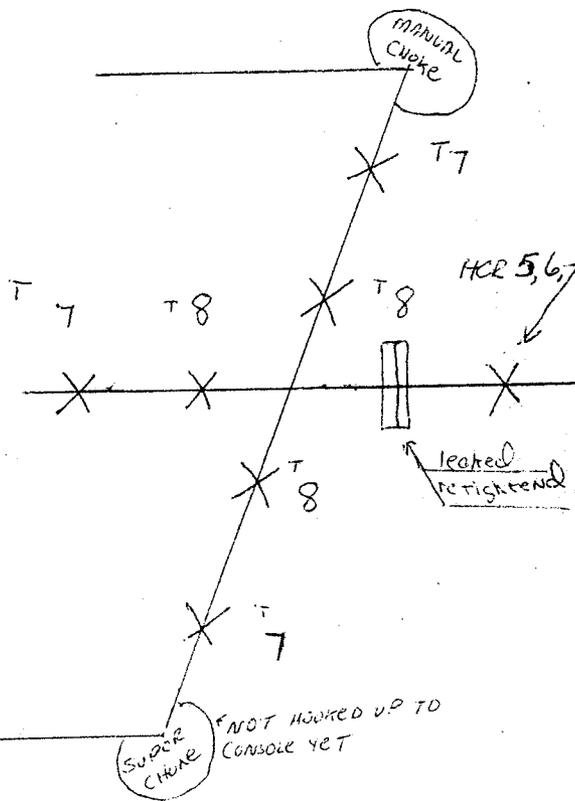


A 2020
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
ARE W-29 14A
3-4
60 GC-15216 1988

PRINTED
IN U.S.A.

Company	Case & Well Name	Date	
Amoco	ARE W29-14-A	2/2/83 ✓	Parker 173

Test #	Time	Description
0	10 ⁰⁰ - 11 ⁰⁰	TRUCK TO LOCATION STILL RIPPING UP WHEN ARRIVED
1	11 ⁰⁰ - 4:30	set up to test choke manifold leak on flange re-tightened. 1 Bolt missing on flange found a bolt for it & put in. Manifold iced up filled with methanol & tested unit while rig crew put on accumulator lines. Rig had accumulator lines on wrong switched them around for them & had to fill up accumulator with oil.
2	4:30 - 4:45	Tested lower pipe rams @ 3000 PSI OK
3	4:45 -	Tested upper pipe rams inside manual leaking on kill line check valve froze took apart.
4	5:40 - 5:55	Tested upper pipe rams, inside manual choke line & outside manual kill line OK
5	5:58 - 6:13	Tested upper pipe rams, HCR valve, outside manual on kill line @ 3000 PSI OK
6	6:16 - 6:31	HCR & HCR valve, outside manual kill line @ 3000 PSI OK
7	6:53 - 7:08	NO TEST BAD VALVE - inside manual kill line (needs repaired)
8	7:11 - 7:26	Blind rams outside manual kill line outside manual valves (3) on choke manifold @ 3000 PSI OK
9	7:33 - 7:43	Blind rams, check valve, inside manual valves (3) on choke manifold OK
10	7:48 - 7:54	SAFETY VALVE LEAKED ON VALVE PART EXTERNALLY (needs repaired)
11	7:59 - 8:12	NO TEST LOWER KELLY COCK LEAKED ON VALVE PART EXTERNALLY (needs repaired)
12	8:21 - 8:35	UPPER KELLY COCK ICD UP BLED OFF LOOKED BACK ON LAST TEST HELD GOOD NO EXTERNALLY LEAKS. NO TEST BUT PROBABLY ICD UP NOT BAD
	8:35 - 10:30	Hydraulic OK waste on rig hands to finish unloading truck. with bottom hole assembly in & to finish shuffling it around on walk spooled up filled & choke line with methanol. There were two wear rings on floor both were egged. Tried to set one of them wouldn't release from retriever tool. Did not set wear rings closed casing valve.
	10:30 - 11:00	LEFT LOCATION TRUCKED TO SUMP

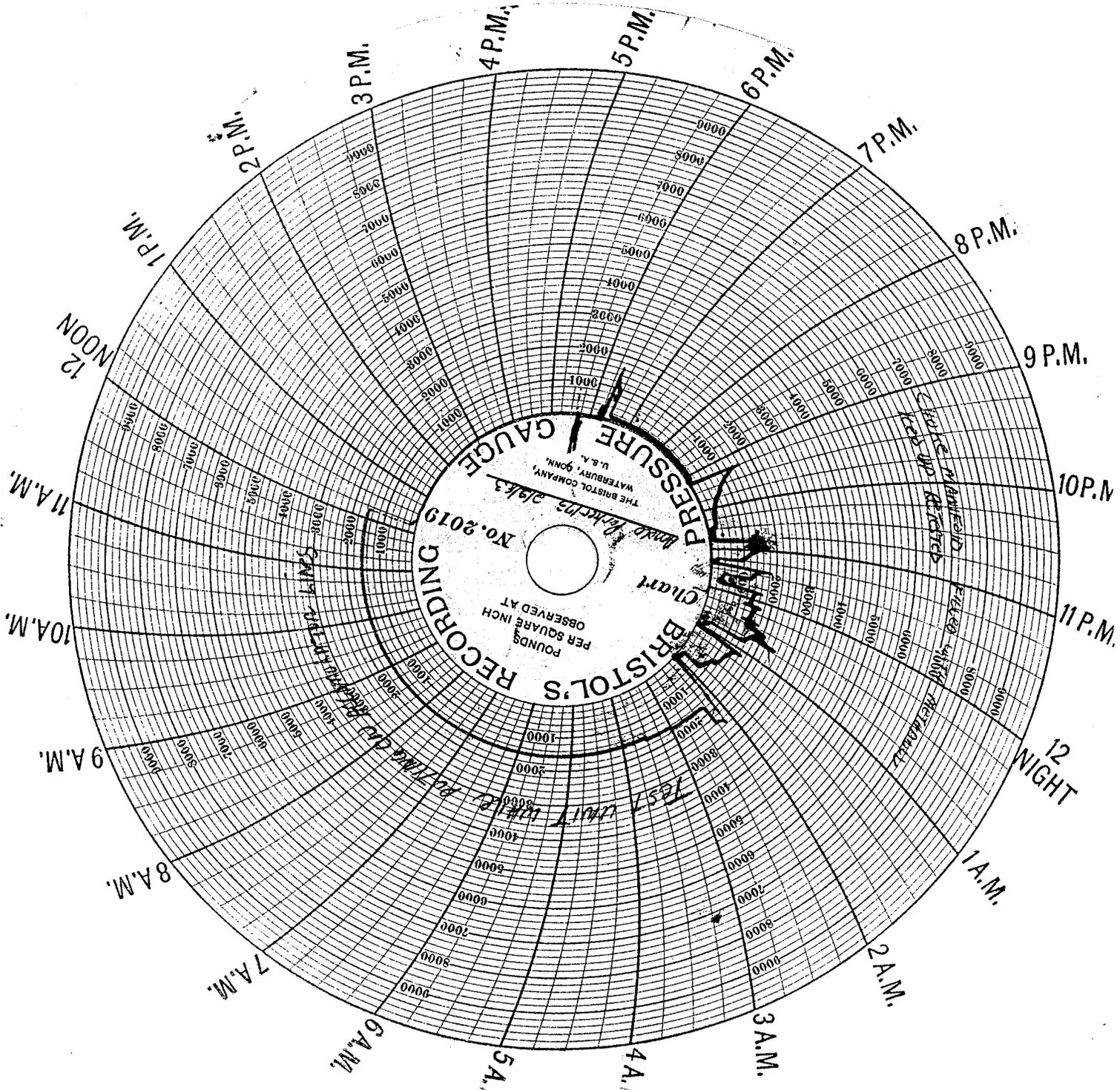


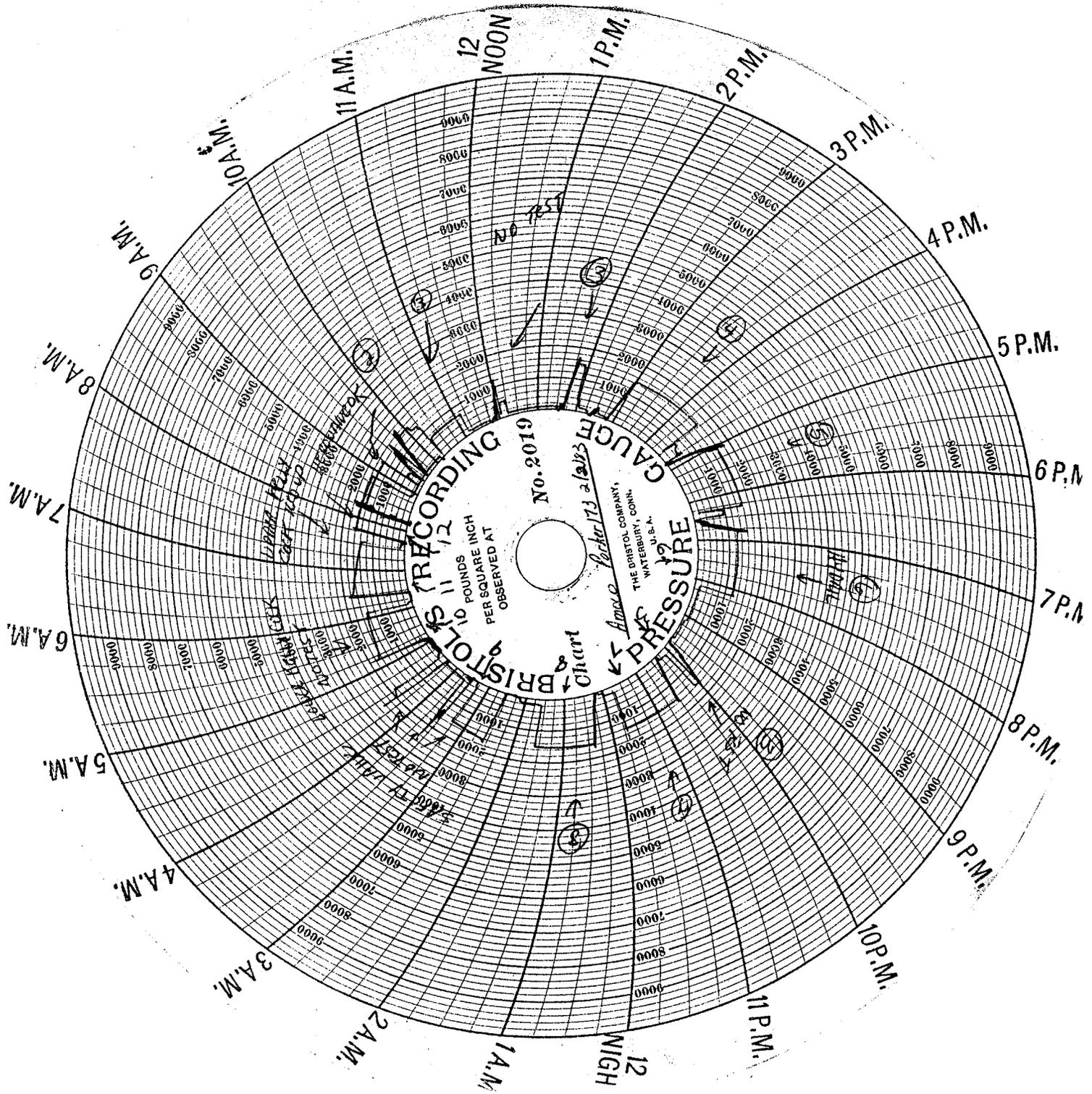
WIRE ROPE
 CABLE
 NO REPAIRS
 EXAMINER
 UNIT WAS
 UP

lower well
 leaked
 NO TEST
 10
 SAFETY VALVE
 leaked
 NO TEST
 9

12
 OK

THIS VALVE NEED REPAIRED
 NO TEST





DATE	Ticket #	RIG #	KIND of TEST	OIL Co.	Well #	State	Sec. T. Range			
12/30	922	PARKER 173	Nipple up	Amoco	Champlin 45805	UTAH		SURFACE	STRIPPED	RIG
2/3	799	PARKER 173	Nipple up	Amoco	ARE W-29-14-A	UTAH	29-4N-8E	SURFACE	(NOTE 1)	
3/4	982	PARKER 173	TEST	Amoco	ARE W-29-14-A	UTAH	29-4N-8E	TRIP TEST		R
4/11	1179	PARKER 173	TRIP TEST	Amoco	ARE W-29-14-A	UTAH	29-4N-8E	TRIP TEST		
5/3	988	PARKER 173	TEST	Amoco	ARE W-29-14-A	UTAH	29-4N-8E	TRIP TEST		R

DATE	TICKET #	KIG #	OP TEST	OIL Co.	WELL #	STATE	Sec. T. Range	UTAH
12/26	922	Parker 173	NIPPLE up	Amoco	Champlain 45805	Utah	SURFACE	
2/3	799	Parker 173	NIPPLE up	Amoco	ARE W-29-14-A	Utah	29-4N-8E SURFACE SKIDDED RIG	
3/4	982	Parker 173	TEST	Amoco	ARE W-29-14-A	Utah	29-4N-8E TRIP T	R
4/11	1179	Parker 173	TRIP TEST	Amoco	ARE W-29-14-A	Utah	29-4N-8E TRIP T	
5/3	988	Parker 173	TEST	Amoco	ARE W-29-14-B	Utah	29-4N-8E TRIP T	R
6/14	1237	Parker 173	TEST	Amoco	ARE W-29-14-A	Utah	29-4N-8E	R

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: Anschutz Ranch East Unit #W29-14A

SECTION: 29 TOWNSHIP 4N RANGE 8E COUNTY: Summit

DRILLING CONTRACTOR: Parker

RIG # 173

BOP TEST: DATE: 5-3-83

TIME: 1:00 PM

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: Loren Williams

TELEPHONE NO. (Well Site 701-279-9427) Evanstaon - 789-2591

DATE: 5-2-83 SIGNED AS _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 17675 Salt Lake City, UT 84117		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 1786' FSL & 795' FWL		8. FARM OR LEASE NAME Anschutz Ranch East Unit
14. PERMIT NO. 43-043-30214	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7612' GR	9. WELL NO. W29-14A
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

RIG SKID

RECEIVED
DIVISION OF OIL, GAS, AND MINING
APR 12 1983

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

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

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

Rig skidded per approval R.J. Firth, DOGM, 1/18/83

Drilling Ahead at 7186' w/12 1/4" bit

Drilling Contractor: Parker #173

Casing: 13 3/8" SA 3492'

Spud Date: 1/18/83

RIG SKID

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

SIGNED [Signature] TITLE Administrative Supervisor DATE 2/28/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

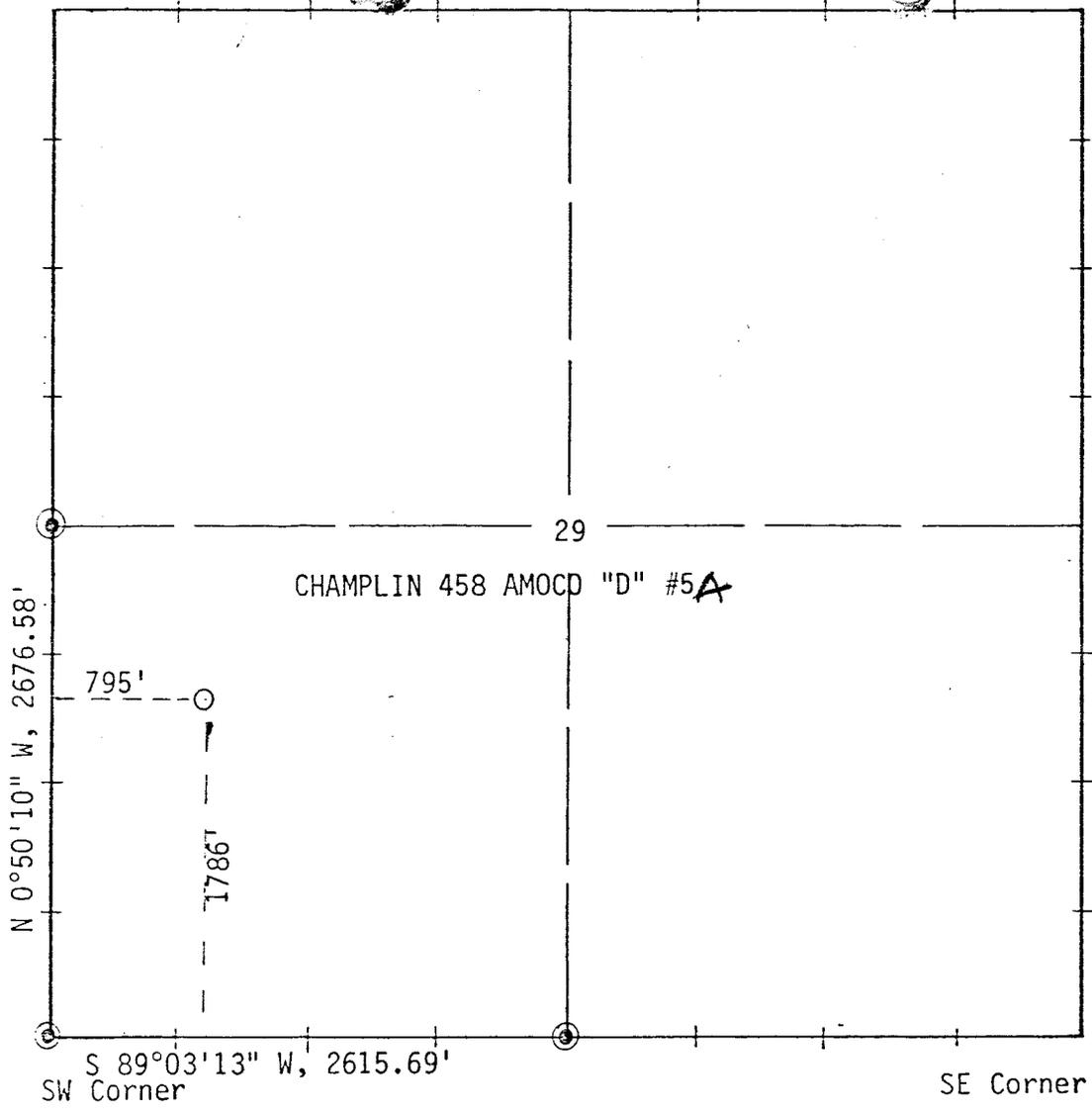
CONDITIONS OF APPROVAL, IF ANY:

NW Corner

T 4 N

R 8 E

NE Corner



SCALE: 1" = 1000'

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

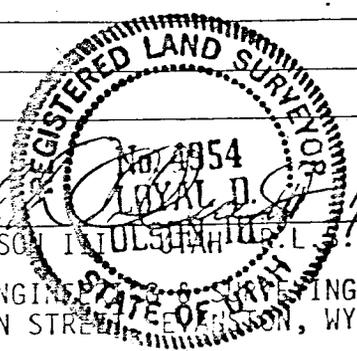
I, Loyal D. Olson III of Evanston, Wyoming certify that in accordance with a request from Jon Jensen of Evanston, Wyoming for Amoco Production Company I made a survey on the 11th day of January, 1983 for Location and Elevation of the Champlin 458 Amoco "D" #5 as shown on the above map, the wellsite is in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 29, Township 4N, Range 8E of the Salt Lake Base & Meridian Summit County, State of Utah, Elevation is 7612 Feet To Stake Datum Man Sea Level Based on 3 Dimensional Control Network tied to USC&GS and USGS Benchmarks

Reference point NOTE: Well Pad under construction, elevation may change upon completion.

Reference point _____

Reference point _____

Reference point _____



Loyal D. Olson III
 LOYAL D. OLSON III, REGISTERED LAND SURVEYOR, NO. 4954
 UTAH ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

BOOK _____
 DATE: 1-11-83
 JOB NO.: 82-10-58

DOUBLE "D" ENTERPRISES
B.O.P. Test Report

TEST PERFORMED ON (DATE) 5/3/83 TICKET 988

CLIENT Amoco

WELL NUMBER ARE W-29-14 A

29

4 NORTH

8 E. A.S.T.

Summit STATE Utah

DRILLING CONTRACTOR Parker (173)

INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.
213 Pine Street

PHONE NUMBERS: Shoshoni, Wyoming 82649
(307) 876-2308, or (307) 876-2234, or 876-9301

TESTED BY: DOUBLE "D" ENTERPRISES, INC.
712 Morse Lee Street

PHONE NUMBERS: Evanston, Wyoming 82930
(307) 789-9213, or (307) 789-9214

FIELD SITE REPRESENTATIVE

RIG TOOL PUSHER:

TESTED OUT OF Evanston

WATER PUMP PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO:

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

Mike Rhykus (307) 789-7298
Shane McKeown (307) 789-4790
(TESTERS)
Evanston, Wyoming 82930

Company	Lease & Well Name #	Date of Test	Rig #
Amoco	A.R.E. W-29-14 #	5/3/83	Partee 173

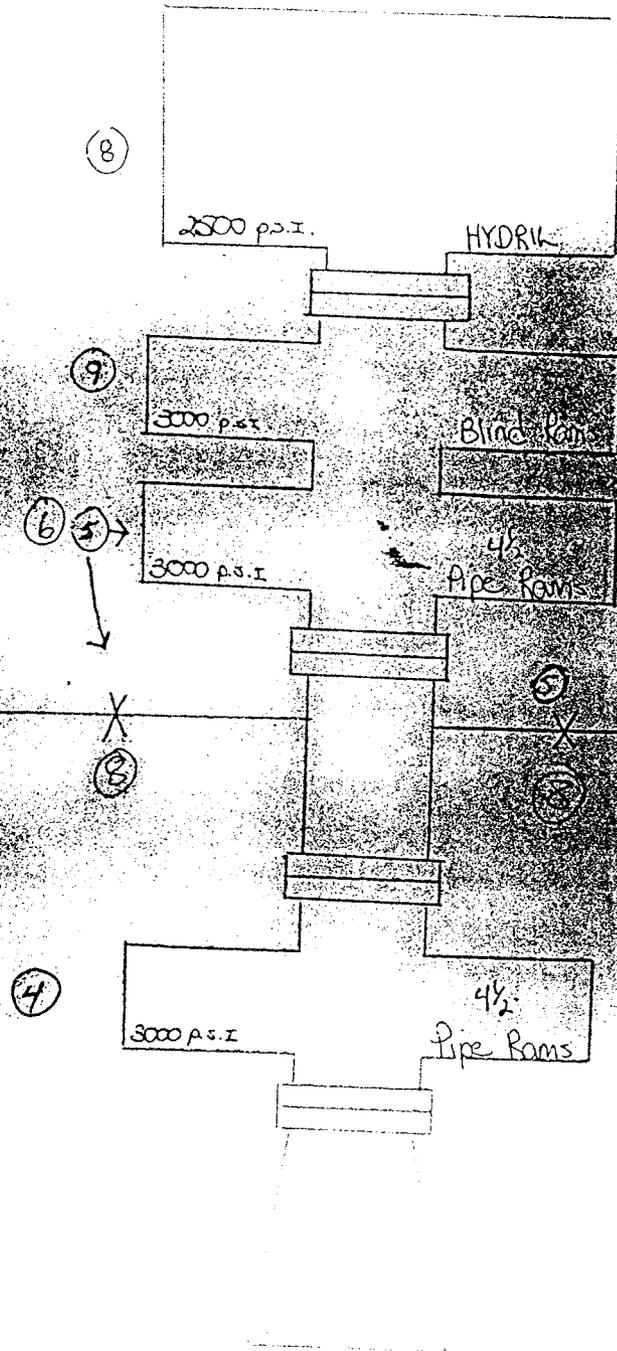
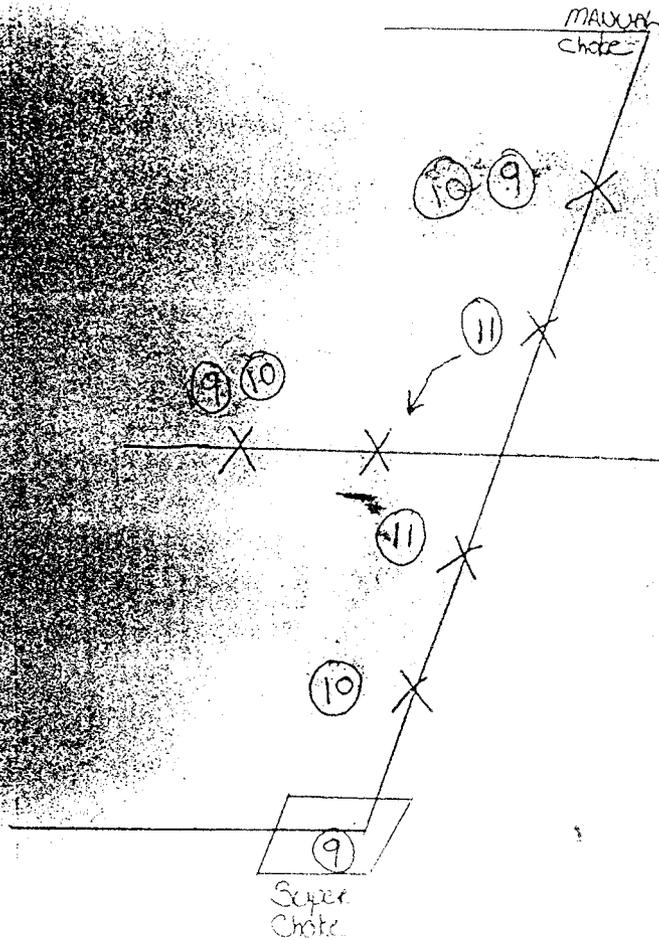
Test #	Time	
	7:00-45	Travel to location
	45-8:20	Road was worked on by several graders.... was not possible to pass with testing unit.
	20-9:00	Kelly up, make up subs, valves. (Upper Kelly, Safety Slightly siezed)
①	9:05-20	Safety @ 3000 15 minutes
②	25-40	Lower Kelly - Bled by profusely (liquid pressure) - worked several times - after working valve, we let test run to check severity of leak. (Tool pusher ordered a new valve).
③	45:10:00 05:40	Upper Kelly @ 3000 15 minutes Rig down Kelly - subs - valves - pull wearbushing - Rig up testing tools - subs - fill stack
④	45-11:00	Lower pipes @ 3000 psi 15 min.
⑤	05-20	Upper pipes - inside manuals on B.O.P.'s.
⑥	25-40	Upper pipes - outside manual on kill line, H.C.R.
⑦	45-12:00	Upper pipes - H.C.R., Check valve on kill.
⑧	25-20	HYDR @ 2500 psi
⑨	25-40 40-1:00	Blinds open choke on choke manifold. pull pipe - Rig down tools - set wearbushing - close casing head valve
	mm	Rig began to make up pipe
⑩	1:05-20	Outside manuals on manifold @ 3000
⑪	25-40	inside manuals on manifold @ 3000

Part 173 5/3/83

ARE-W29-14-A All test held

15 minutes 3000 psi Everything flat

2500 on Hydell



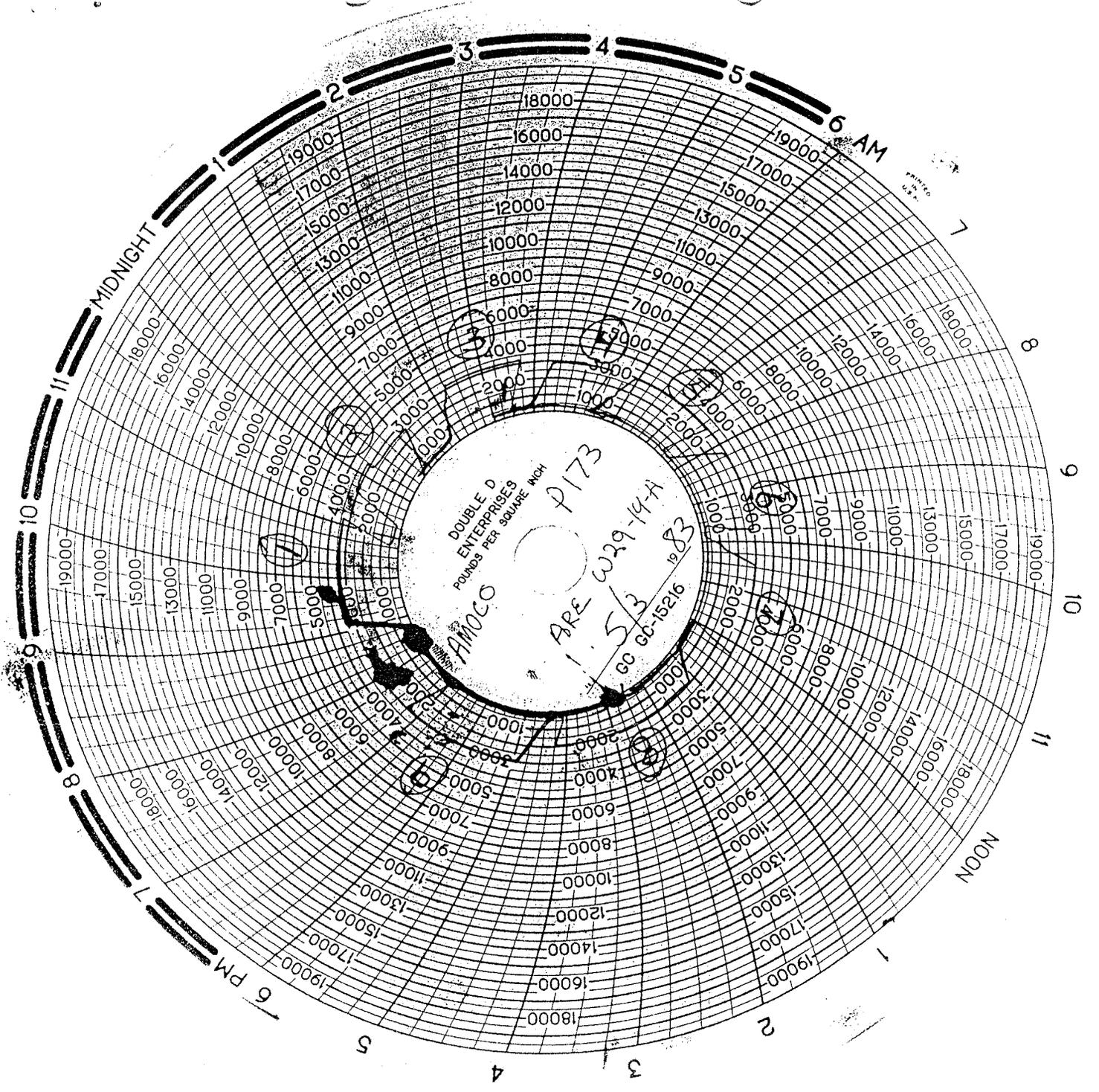
③ Upper Tel 3000 p.s.i.

CAPIT 3000 PSI ①

2000 PSI 3000 PSI NOT GOOD MOST BE REPLACED

⑦ Checks

⑧ VALVE



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

P173

ARE W29-14-A

153

GC 60-15216 1983

AMOCO

MIDNIGHT

6 AM

NOON

6 PM

18000

16000

14000

12000

10000

8000

6000

4000

2000

1000

18000

16000

14000

12000

10000

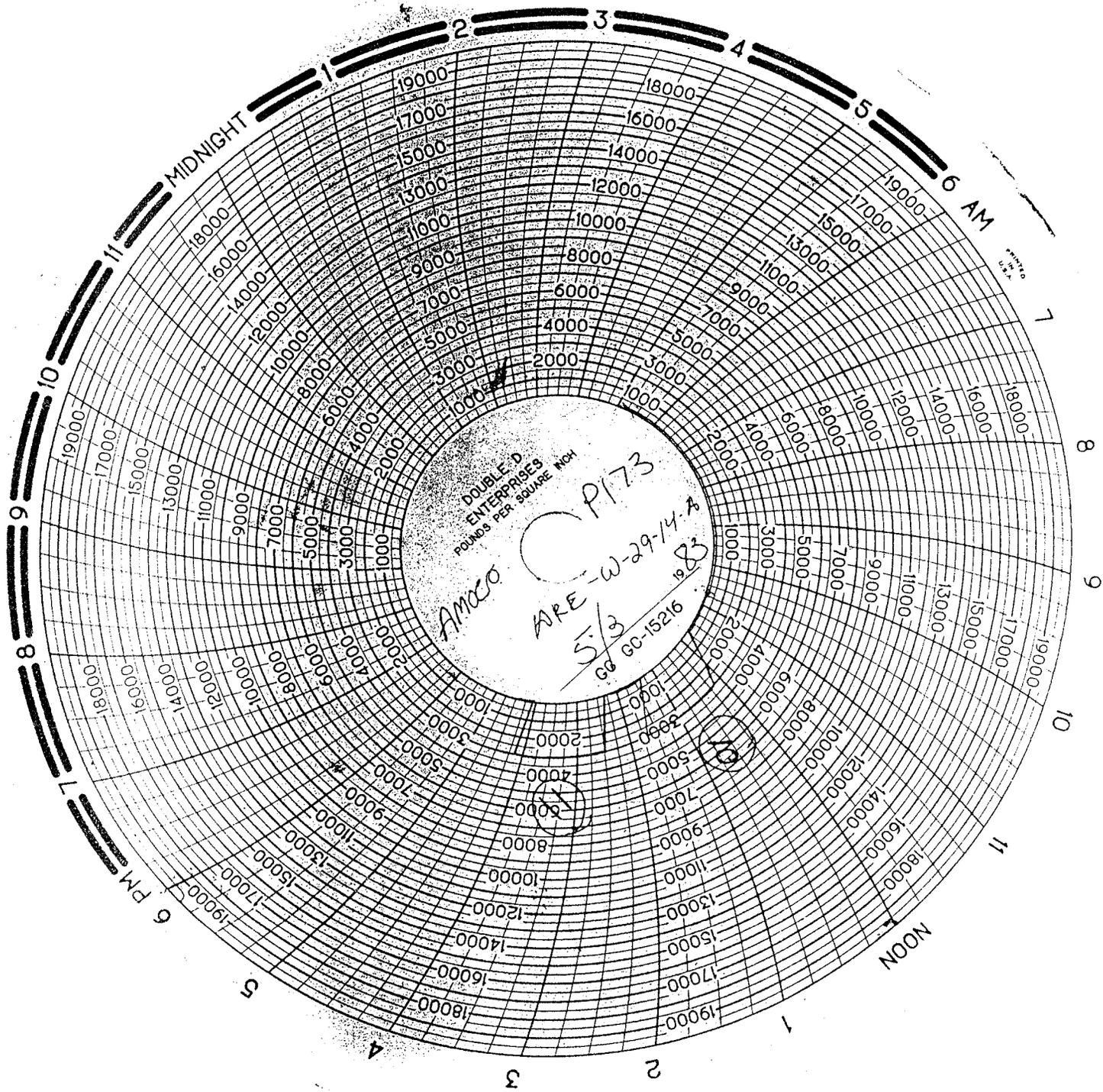
8000

6000

4000

2000

1000



DOUBLE-D
ENTERPRISES
POUNDS PER SQUARE INCH

AMCO

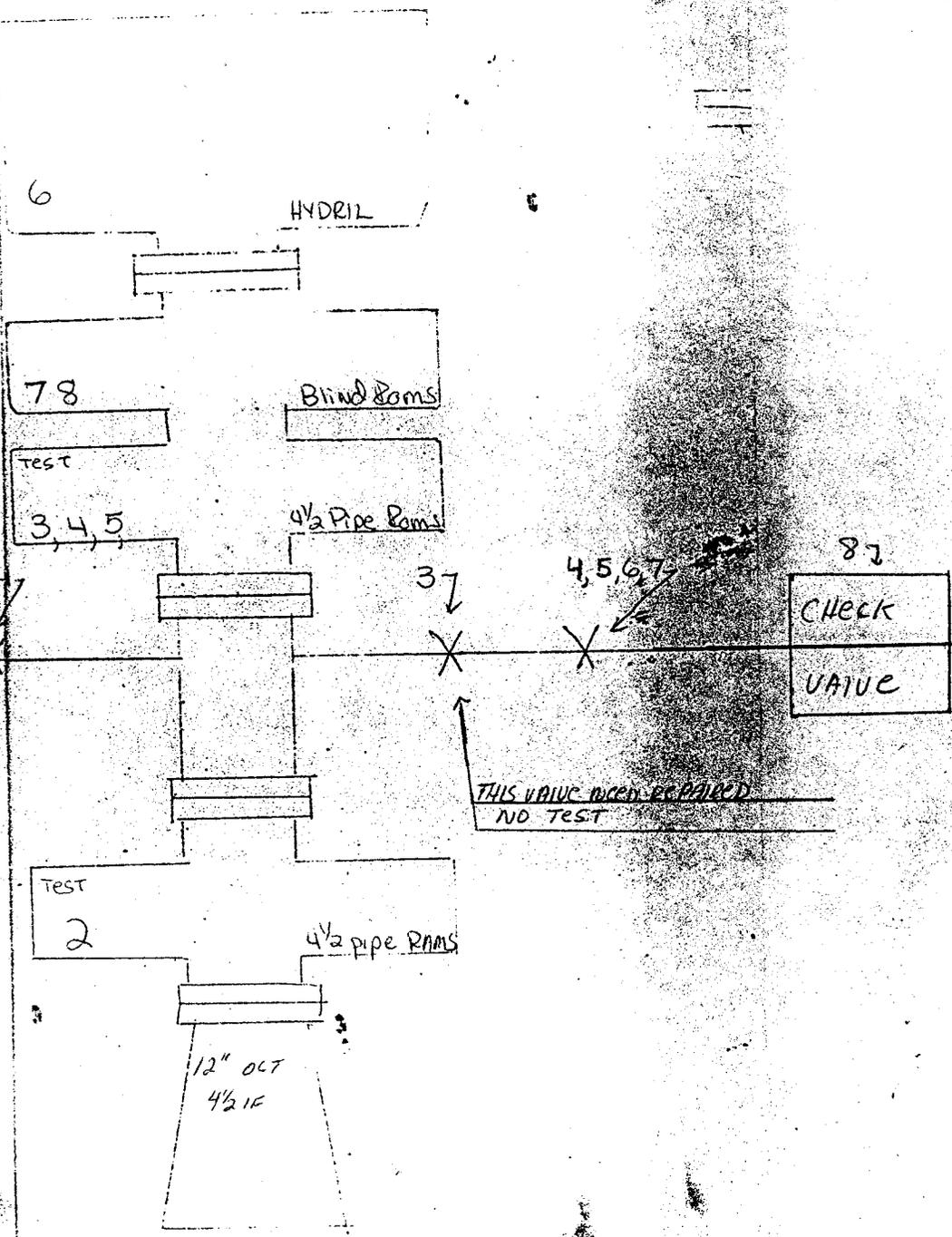
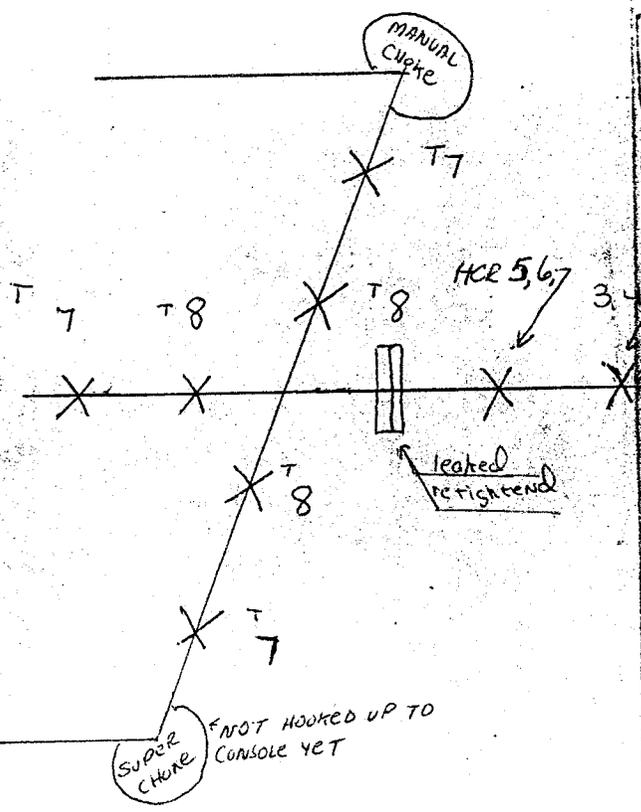
P173

ARE-W-29-14-A

5/3

GC-15216 1983

Company	ease & Well Name	Unit	State
Amoco	ARE W29-14-A	2/2/82	Utah State Summit Utah 29-4N-8E Parker 173
Test #	Time		
0	10 ⁰⁰ - 11 ⁰⁰	TRAVEL TO LOCATION STILL RIPPING UP WHEN ARRIVED	
1	11 ⁰⁰ - 4:30	set up to test choke manifold leak on flange re-tightened. 1 Bolt missing on flange found a bolt for it & put in. Manifold iced up filled with methanol & tested unit while rig crew put on accumulator lines. Rig had accumulator lines on wrong switched them around for them & had to fill up accumulator with oil.	
2	4:30 - 4:45	Tested lower pipe rams @ 3000/BS OK	
3	4:45 -	Tested upper pipe rams inside manual kill line	
	NO TEST	check valve froze took apart.	
4	5:40 - 5:55	Tested upper pipe rams, inside manual choke line & outside manual kill line. ok	
5	5:58 - 6:13	Tested upper pipe rams, HCR valve, outside manual on kill line @ 3000/BS ok	
6	6:16 - 6:31	Hydril & HCR valve, outside manual kill line @ 3000/BS ok	
3	NO TEST	BAD VALVE - inside manual kill line (needs repaired.)	
7	6:53 - 7:08	Blind rams outside manual kill line outside manual valves (3) on choke manifold @ 3000/BS. OK	
8	7:11 - 7:26	Blind rams, check valve, inside manual valves (3) on choke manifold ok	
9	7:33 - 7:43	SAFETY VALVE leaked on valve part externally (needs repaired)	
	NO TEST		
10	7:48 - 7:54	LOWER KELLY COCK. LEAKED ON VALVE PART EXTERNALLY (needs repaired)	
	NO TEST		
11	7:59 - 8:12	UPPER KELLY COCK. ICD UP BIRD OFF LOOKED BACK ON LAST TEST HELD GOOD NO EXTERNALLY leaks.	
	NO TEST BUT PROBABLY ICD UP NOT BAD		
12	8:21 - 8:35	HCR valve ok	
		wrote on rig boards to finish unloading truck: with bottom hole assembly's & to finish shuffling it around on walk spooled up filled & choke line with methanol. There were two wear rings on floor both were egged. Tried to set one of them would not release from retriever tool. Did not set wear rings closed casing valve.	
	10:30 - 11:00	LEFT LOCATION TRAVELED TO SHIP	

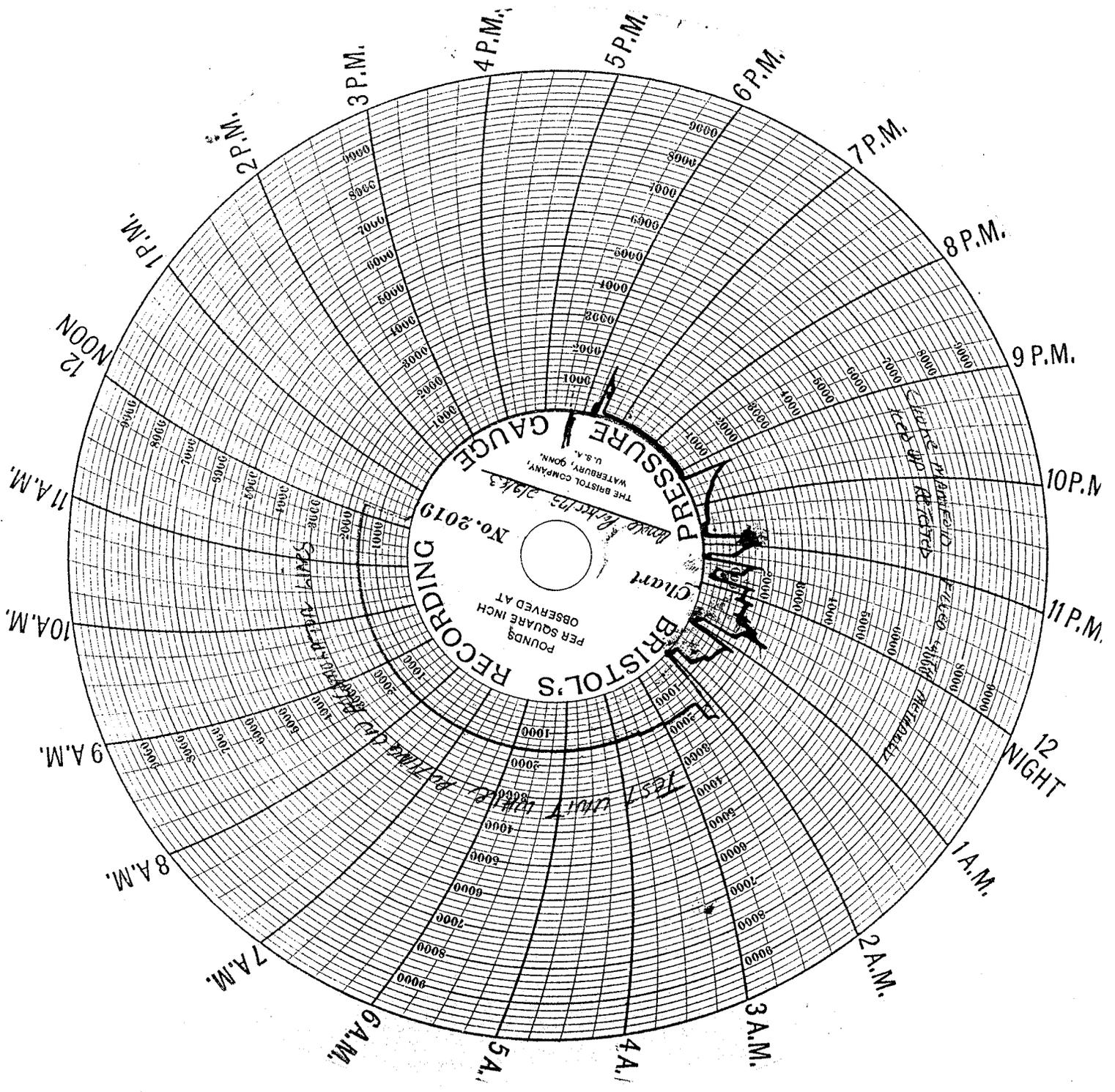


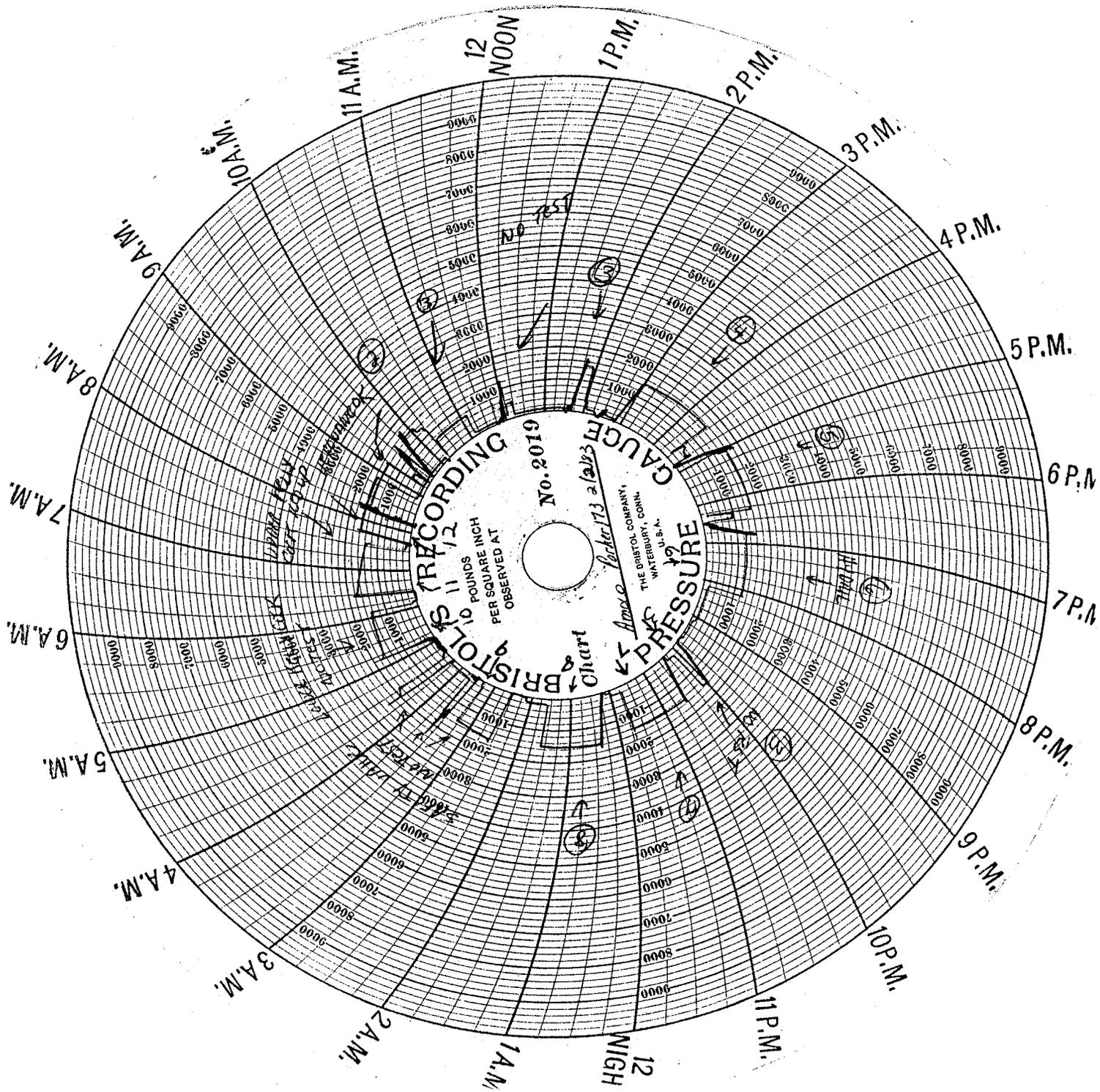
THIS VALVE WAS REPAIRED
NO TEST

6 DICE REPAIR
COCK
NO RAMS
EXTRINSICALLY
VALVE WAS 10
UP

lower Kelly
Cock
leaked
NO TEST
10
SAFETY VALVE
leaked
NO TEST
9

HERO VAL
OK
12





BRISTOL'S RECORDING GAUGE
No. 2019
POUNDS PER SQUARE INCH OBSERVED AT
Chart
Amoco Refiner 13 a/b/b3
THE BRISTOL COMPANY, WATERBURY, CONN. U.S.A.
PRESSURE

12 NIGH
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.

10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0

NO TEST

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

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

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
W29-14A

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 17675 - Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1786' FSL and 795' FWL

14. PERMIT NO.
43-043-30214

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7612' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

Drilling ahead at 9772' with 12.25" Bit

Drilling Contractor: Parker #173

Spud Date: 1-18-83



I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Staff Admin. Analyst (SG) DATE 4-29-83

(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

TRIPPLICATE*
(See instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

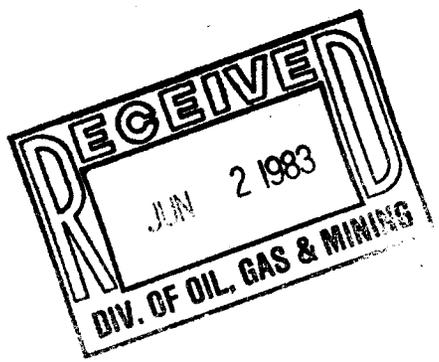
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 17675, Salt Lake City, Utah 84117		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,786' FSL & 795' FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30214	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7,612' GR	9. WELL NO. W 29-14A
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		18. STATE Utah

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

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

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

Date: 5-16-83
TD: 9,409'
Drilling ahead w/12.25" bit



18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Staff Admin. Analyst (SG) DATE 5/27/83

(This space for Federal or State office use)

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

Utah

BEST COPY AVAILABLE

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON: 6-14-83

OIL CO: Amoco

WELL NAME & NUMBER ARE-unit W 29-14-A

SECTION: 29

TOWNSHIP: 4-N

RANGE: 8-E

COUNTY: Summit STATE: Utah

DRILLING CONTRACTOR: Parker # 172

TESTED BY DOUBLE "D" ENTERPRISES, INC.
712 Morse Lee Street
Evanston, Wyoming 82930
PHONE NUMBERS: (307) 789-9213, or (307) 789-5821

EVANSTON SHOP ADDRESS:
96 WILLOW WAY
SUNSET INDUSTRIAL PARK
EVANSTON, WYOMING 82930

INVOICES BILLED OUT OF:
DOUBLE "D" ENTERPRISES, INC.
P.O. Box 560
Shoshoni, Wyoming 82649

OIL CO. SITE REPRESENTATIVE: Rick Cardeanas

RIG TOOL PUSHER: Lawrence Sandie

TESTED OUT OF Evanston OFFICE:

NOTIFIED PRIOR TO TEST: UTAH Oil & Gas

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah Oil & Gas
Amoco Site Rep

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

Shane McKeown Phone Number (307) 789-4790
Mike Rykhus Phone Number (307) 789-5162
Evanston, Wyoming 82930

Company	Lease & Well Name [#]	Date of Test	Rig
Amoco	ARE Unit W-29 -14-A.	6-14-83	Parker 173
Test #	Time		
3 rd	4 ⁰⁰ PM	Arrive ON location	
	4-8 ³⁰	Help nipple up Welder was bending choke line & welding on Flow line	
#1		TEST attempts ON Tiw Tiw NO TEST	
#2		Dart valve was seized up from 500 ft Took it apart & cleaned it was OK - 700 ft Dart 5000 15 min OK Rig up to Test stack & w/o welder to finish	
	8 ³⁰ -8 ⁴⁵	Kelly up Rig up Kelly sub chain Kelly Back to Rig + hole	
#3	8 ⁴⁵ -9 ⁰⁰	Test lower Kelly 5000 15 min OK	
#4	9 ⁰⁰ -9 ¹⁵	Test upper Kelly 5000 15 min OK	
	-NOTE-	While testing Kelly T Ran Plug & T stack	
#5	9 ¹⁵ -9 ³⁰	Lower pipes 5000 15 min OK	
#6	9 ³⁰ -9 ⁴⁵	Test attempt on upper pipes leak on flange on choke line mud-CR60 & Ran door - Tighten leaks	
#7	9 ⁴⁵ -10 ⁰⁰	Upper pipes 1st manual on choke - Kill line 5000 15 min OK	
#8	10-10 ¹⁵	Upper pipes HCR 2nd manual Kill water 5000 15 min OK	
#9	10 ¹⁵ -10 ³⁰	Hydrant 2500 15 min OK	
	10 ³⁰ -10 ⁴⁵	Back out joint Tie into manifold to Test Blind	
#10	10 ⁴⁵ -11 ⁰⁰	Blinds & check & 1st 3 manifold values 5000 15 min OK	
#11	11 ⁰⁰ -11 ¹⁵	Test 2nd 3 manifold values 5000 15 min OK	
#12	11 ¹⁵ -11 ³⁰	Test super choke 5000 Bled 500 lbs	
	NOTE	During this time we Kellyed down Pulled Plug Rigged down Plug & subs Rigged up retriever Ran & set wear Ring Rigged down spool up load truck & Drive to Shop	
	11 ³⁰ -1 ⁰⁰		

Parker 173

ARE-W29-14-A

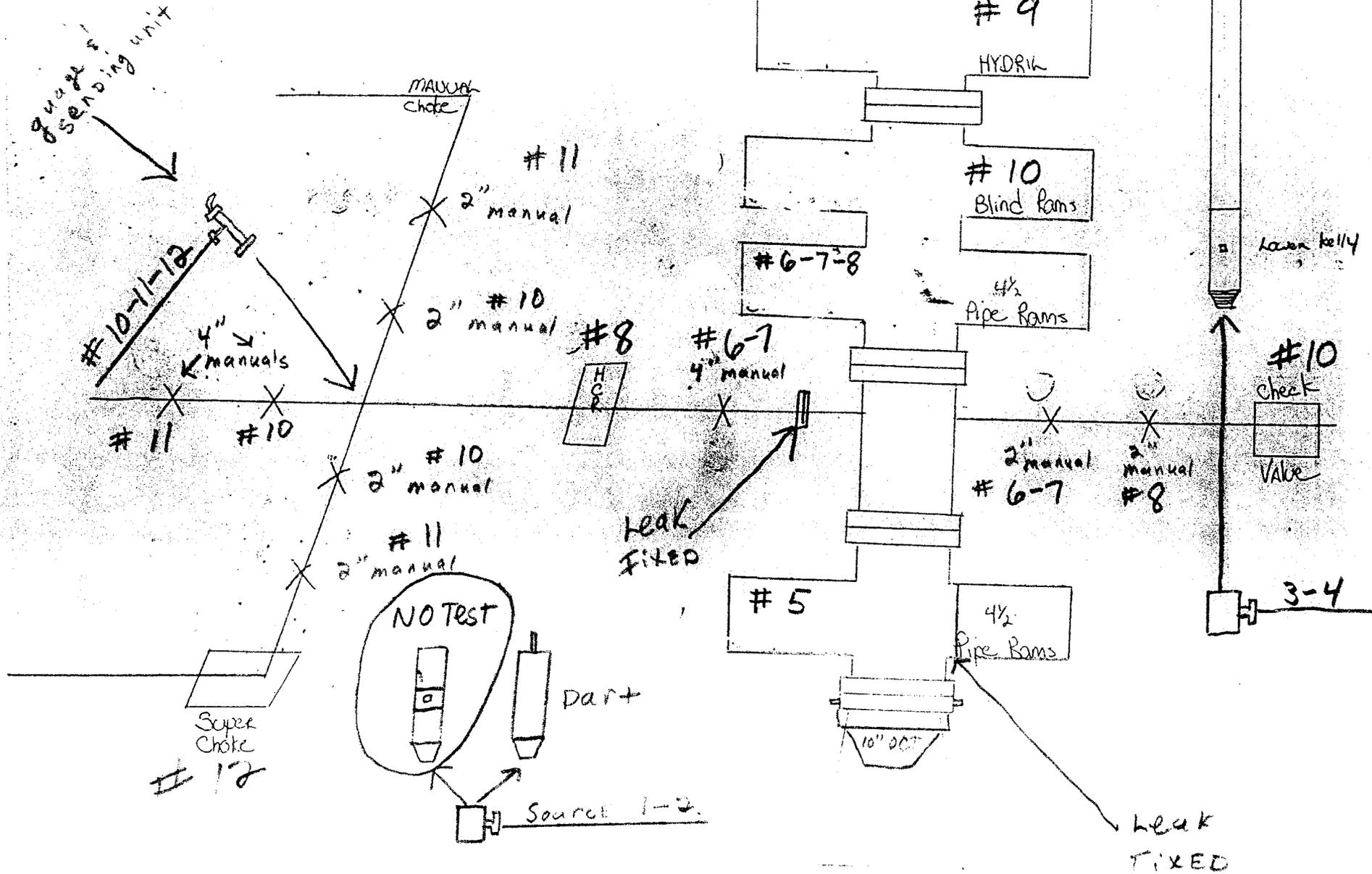
All test held

15 minutes

psi Everything But

2500 on Hydril

Pressure source 5-6-7-8-9



gauge #8 sending unit

MANUAL choke

#11

2" manual

#9

HYDRIL

#10

Blind Rams

#6-7-8

4 1/2 Pipe Rams

#8

#6-7

4" manual

upper Kelly

Lower Kelly

#10

Check

Valve

#10-11-12

4" manuals

#11

#10

2" #10 manual

#11

2" manual

Leak Fixed

2" manual #6-7

2" manual #8

3-4

NO TEST

Super Choke

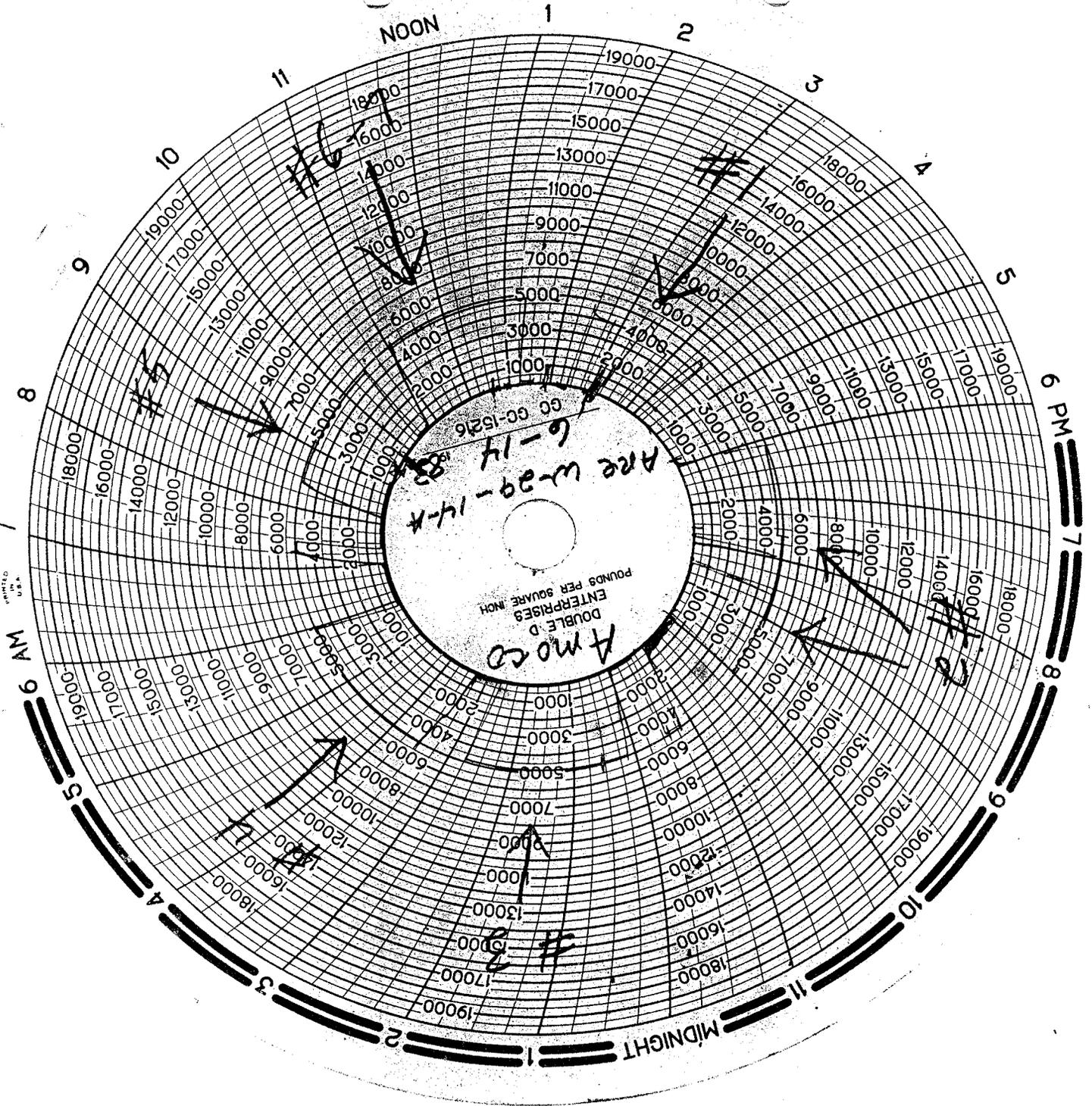
#12

Part

Source 1-2

4 1/2 Pipe Rams

Leak Fixed



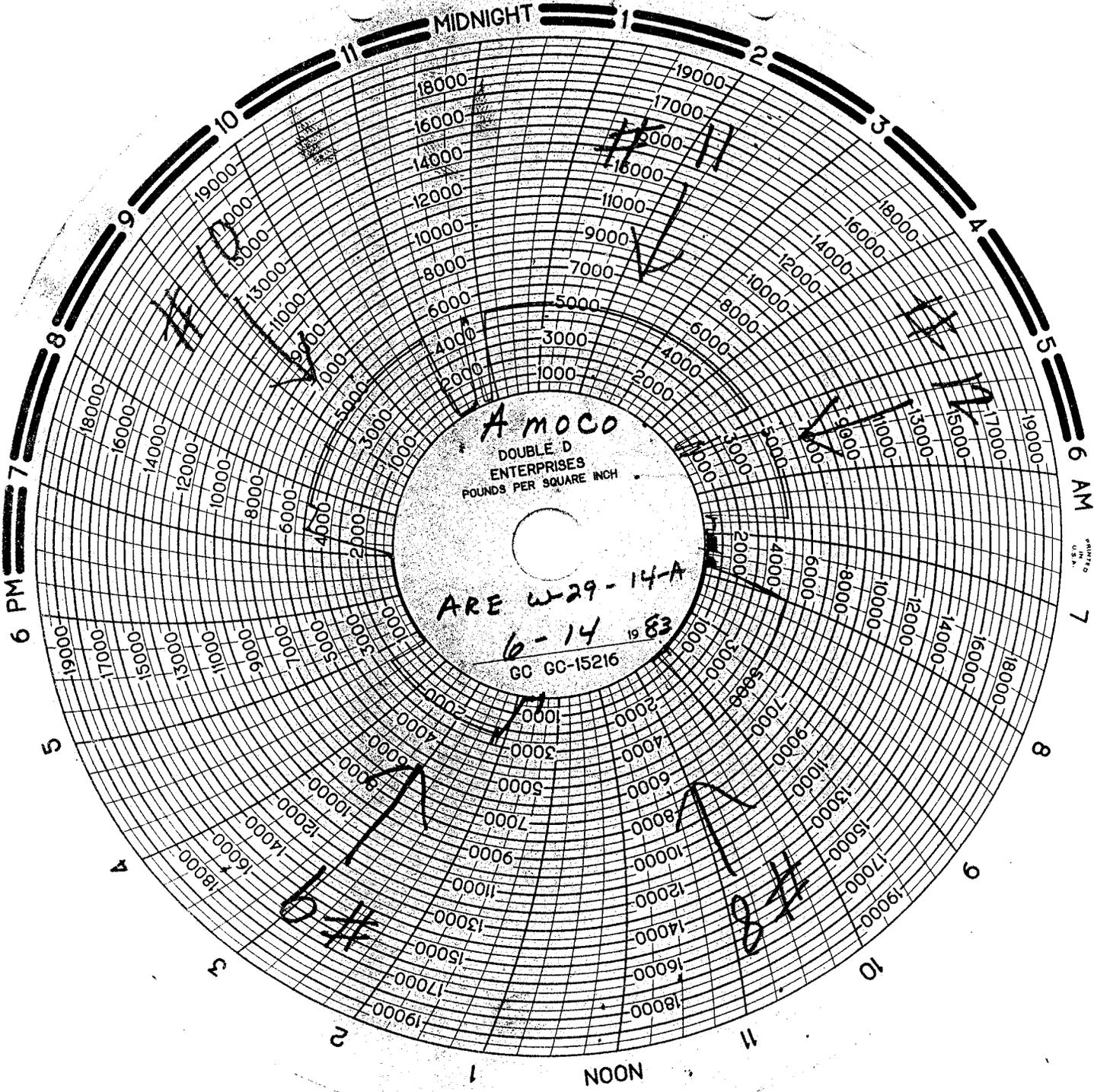
PRINTED
IN
U.S.A.

Amco
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

Area w-29-14-K
6-14-83

GC-15216

MIDNIGHT



Amoco
 DOUBLE D
 ENTERPRISES
 POUNDS PER SQUARE INCH

ARE W-29-14-A
 6-14 1983
 GC GC-15216

PRINTED
IN
U.S.A.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. 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 1786' FSL & 795' FWL</p> <p>14. PERMIT NO. 43-043-30214</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 Unit</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. #W29-14A</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. 29, T4N, R8E</p> <p>12. COUNTY OR PARISH Summit</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7612' GR</p>		

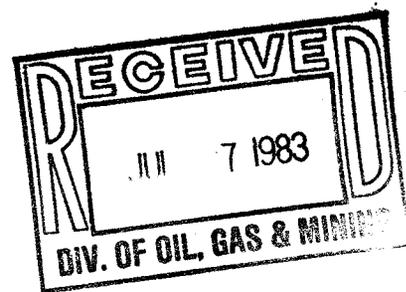
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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

June 16, 1983

Current TD - 10482' in Twin Creek Formation with 8.5" Bit.



18. I hereby certify that the foregoing is true and correct.
 SIGNED Larry L. Smith TITLE Staff Admin. Analyst (SG) DATE 6/29/83

(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

5. LEASE DESIGNATION AND SERIAL NO. Fee 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME Anschutz Ranch East 8. FARM OR LEASE NAME Anschutz Ranch East 9. WELL NO. W29-14A 10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, 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.)

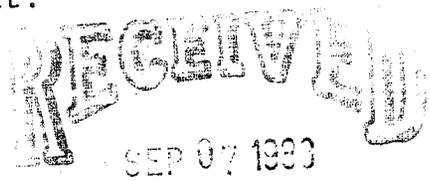
1. OIL WELL [] GAS WELL [x] OTHER 2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY DRAWER 829 3. ADDRESS OF OPERATOR EVANSTON, WY 82930 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1786' FSL & 795' FWL 14. PERMIT NO. 43-043-30214 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7612' GR

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

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

August 24, 1983 Current TD: 12,865' Drilling ahead in Nugget formation with 8.375" Bit.



DIVISION OF OIL, GAS & MINING

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

SIGNED [Signature] TITLE Staff Admin. Analyst (SG) DATE 8-30-83

(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

M

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East Unit

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

#W29-14A

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SUBVY OR ARRA

Sec. 29, T14N, R8E

12. COUNTY OR PARISH 13. STATE

Summit

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P.O. Box 829, Evanston, WY 82930

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

1786' FSL & 795 FWL

14. PERMIT NO. 43-043-30214

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
7612' GR

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

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

Sept. 15, 1983

Drilling ahead at 13,260' with a 8.5" bit

Drilling Contractor, Parker 173

Spud date 01/18/83



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

SIGNED Larry J. Smith TITLE Staff Admin Analyst (SG) DATE 9/23/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Amoco Production Company

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

T. G. Doss
District Superintendent

November 17, 1983

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

Attn: Ron Firth

File: JEK-778-980.2

Assignment of API Well Numbers

Please assign API well numbers on the following wells which were spud after skidding the rigs on the indicated dates. All the wells are located in Section 29, T4N, R8E, Summit County, Utah.

Anschutz Ranch East W29-06A
Skidded 1-11-83

Anschutz Ranch East W29-14A
Skidded 1-18-83

Anschutz Ranch East W30-12A ✓
Skidded 8-8-83

An API well number should be assigned to identify each hole in the ground as outlined in API Bulletin D12A. Due to the migration to large scale use of computers by the oil and gas industry as well as Amoco Production Company, a unique identification number is necessary for each well spudded. This will facilitate future plans for production reporting by tape exchange.

Should you have any questions regarding this matter, please contact Steve Saye of this office at (307)789-1700.


T. G. Doss

JSS/sh

November 28, 1983

Amoco Production Company
Attn: Mr. Steve Saye
P. O. Box 829
Evanston, Wyoming 82930

Dear Mr. Saye:

In regards to your letter of November 17, 1983, we are issuing the following API numbers to the well locations listed below:

Anschutz Ranch East W29-06A
Sec. 29, T. 4N, R. 8E
1513' FNL, 1548' FWL
Summit County, Utah
API #43-043-30250

Anschutz Ranch East W29-14A
Sec. 29, T. 14N, R. 8E
1786' FSL, 795' FWL
Summit County, Utah
API #43-043-30251

If we can be of further service, please do not hesitate to call on us.

Sincerely,


Arlene W. Sollis
Administrative Aide

AWS

NL Sperry-Sun



Casper District Office
P.O. Box 183
Casper, Wyoming 82602
(307) 472-5757
January 24, 1984

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

RE: Our Job No. EV-80-40004
A.R.E. 29-14A
Summit County, Utah
Survey Date: 1/14/84

Dear Sirs:

Enclosed you will find four (4) copies of our Directional Survey Report of the above referenced well.

Each folder contains the survey results and the plots.

Thank you for this opportunity to be of service. We certainly appreciate your business and look forward to working with you again.

Sincerely
NL SPERRY-SUN, INC.

John Hienaman
District Manager

JH:mu

Enclosures

RECEIVED
JAN 27 1984

DIVISION OF
OIL, GAS & MINING

DISTRIBUTION LIST FOR A.R.E. 29-14A

Amoco Production Company (3)
1670 Broadway
Denver, Colorado 80202
ATTN: Rick Dales

Amoco Production Company (4)
P.O. Box 829
Evanston, Wyoming 82930
ATTN: Tom McKay

Champlin Petroleum (2)
P.O. Box 1257
5800 South Quebec
Englewood, Colorado 80150

The Anschutz Corp. (4)
555 17th Street
2400 Anaconda Tower
Denver, Colorado 80202 (Helen Lewis)

Gulf Oil Corp. (2)
P.O. Box 2619
Casper, Wyoming 82602
ATTN: Randy Hobbet

Mesa Petroleum (1)
1660 Lincoln
Denver, Colorado 80203
ATTN: David Reed

Mesa Petroleum (1)
P.O. Box 2009
Amarillo, Texas 79189-2009
ATTN: L.M. Carnes

BWAB, Inc. (1)
1000 City Center 4
1801 California St.
Denver, Colorado 80202
ATTN: J. Wallace

Tom Brown, Inc. (1)
Suite 830
410 17th Street
Denver, Colorado 80112
ATTN: Alan Smith

Tom Brown, Inc. (1)
P.O. Box 2608
Midland, Texas 79701
ATTN: R.J. DePaul

State of Utah (1)
Division of Oil, Gas and Mining
4241 State Office Bulding
Salt Lake City, Utah 84114

Amoco Production Company (1)
Research Laboratories
P.O. Box 591
Tulsa, Oklahoma 74102
ATTN: Ron Nelson 2J39

Mobil Oil Corp. (2)
P.O. Box 544
1225 17th Street
Denver, Colorado 80217
ATTN: Madelyn Schumacher

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

SUBMIT 2 COPIES
 (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.)		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME Anschutz Ranch East
3. ADDRESS OF OPERATOR P.O. Box 892, Evanston, Wyoming 82930		8. FARM OR LEASE NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1786' FSL & 795 FWL		9. WELL NO. W29-14A
14. PERMIT NO. 43-043-30214		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7612 GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T14N, R8E
		12. COUNTY OR PARISH 13. STATE Summit Utah

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

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

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

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

Date: 01/28/84

Total Depth: 14283

Spud date: 01/18/83

Completion Rig: Cannon #9

Carrying out completion operations.

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

SIGNED *Henry L. Smith* TITLE Staff Admin, Analyst (SG) DATE 02-08-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1786' FSL & 795 FWL		8. FARM OR LEASE NAME Anschutz Ranch East
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		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH 13. STATE Summit Utah

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NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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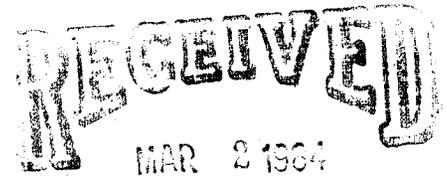
Date: 02/23/84

Total Depth: 14,283

Spud date: 01/18/83

Completion rig: Cannon #9

Carrying out completion operations.



DIVISION OF OIL, GAS & MINING

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

Fee

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch eAst

9. WELL NO.

W29-14A

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch eAst

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

Sec. 29, T4N, R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [X] DRY [] Other []

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

2. NAME OF OPERATOR Amoco Production Company

RECEIVED

3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, Wyoming 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1786 FSL, 795 FWL, Sec. 29, T4N, R8E

At top prod. interval reported below

1321 FLS 1452 FWL

At total depth

1220 FSL, 1374 FWL

14. PERMIT NO. DATE ISSUED

43-043-30251

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, BKB, BT, GR, ETC.)* 19. ELEV. CASINGHEAD

1/18/84 9/26/83 4/7/84 KB 7670 GL 7612

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

14302 MD, 14245 TVD 14158 MD, 14102 TVD Surface-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Nugget Sandstone 12570 - 13680' MD 12519 - 12629' TVD

Surface to

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORRED

FDC-CND, BHC, DIL, Dipmeter, CVL, PL, Fracture Intensity Log, Microlog Yes

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

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include sizes 13 3/8, 9 5/8, 0 7/8, 7.

29. LINER RECORD 30. TUBING RECORD

Tables for LINER RECORD and TUBING RECORD with columns for SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Tables for PERFORATION RECORD and ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. with columns for DEPTH INTERVAL (MD) and AMOUNT AND KIND OF MATERIAL USED.

33.* PRODUCTION 12880 - 12904 1170 gal. 7 1/2% HCl

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

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

4/4/84 24 5/64 1991 12785 1 6421

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

2000 0 1991 12785 1 45

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

Reinjected for Pressure Maintenance

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE District Drilling Engineer DATE 04/1984

*(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.)

Coring

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Nugget Sandstone	11844	14130	Cored Intervals 11,867' - 11,872' 11,884' - 11,941' 11,944' - 11,990' 11,994' - 12,052' 12,055' - 12,079' 12,083' - 12,114' 12,116' - 12,143' 12,144' - 12,178' 12,191' - 12,220' 12,228' - 12,232' 12,234' - 12,261' 12,271' - 12,286' 12,303' - 12,315' 12,346' - 12,384' 12,386' - 12,398' 12,400' - 12,484' 12,487' - 12,662'			
				Bear River Gannet Preuss Twin Creek Watton Canyon Boundry Ridge Rich Slide Rock Gypsum Spring Nugget Gypsum Spring	3571 4937 8354 10280 10938 11311 11358 11658 11722 11844 14130	3567 4926 8320 10239 10896 11267 11413 11612 11674 11797 14074



Amoco Production Company

Northern Division
1700 Lincoln
Post Office Box 800
Denver, Colorado 80201
303-830-4040

Steve W. Souders
Division Production Manager

September 12, 1984

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

Attention: Claudia Jones

File: DFK-940-416

Reclassifying Anschutz Ranch East
Unit Wells from Gas to Oil

RECEIVED

SEP 17 1984

**DIVISION OF OIL
GAS & MINING**

In the past, Amoco Production Company has classified all of its producing wells in the Anschutz Ranch East Unit as gas wells on the State completion reports. The classification was made in accordance with the State of Utah definition of a gas well wherein condensate production was considered the product of a gas well. Under 40-6-2 of the Utah Conservation Senate Bill No. 157, the definition was changed as follows:

- (6) "oil" means crude oil or condensate or any mixture thereof defined as follows:
 - (b) "condensate" means those hydrocarbons, regardless of gravity, that occur naturally in the gaseous phase in the reservoir that are separated from the natural gas as liquids through the process of condensation either in the reservoir, in the wellbore or at the surface in field separators.

In consideration of the above definition, we hereby reclassify all wells (as shown on Attachment No. 1) from

Utah Division of Oil, Gas, and Mining
September 12, 1984
Page 2

gas to oil. Would you please note these changes in your
well files.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "J. W. Jordan".

SDE/jwu

Attachment

LTR119

Mobil Oil Corporation

P O BOX 5444
DENVER, COLORADO 80217

Denver E&P Division
September 13, 1984

RECEIVED

SEP 19 1984

DIVISION OF OIL
GAS & MINING

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

Attention: Diane Nielson

CLASSIFICATION OF WELLS:
ANSCHUTZ RANCH EAST UNIT
EAST PARTICIPATING AREA

Gentlemen:

There has been some question as to whether wells located in the captioned area are classified as oil or gas wells.

Please be so kind as to clarify the position of the Utah Department of Oil, Gas and Mining regarding this matter.

Yours very truly,


J. L. Douglass
Regulatory Compliance Manager

SEHunt:270:slr

cc RJ Firth
JR Bazz



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 24, 1984

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

COPY

Dear Mr. Souders:

Re: Reclassification of Anschutz Ranch East Unit Wells from Gas to Oil.

In reference to your recent letter requesting reclassification of gas wells to oil wells, it is the opinion of Division staff that such action cannot be allowed by either regulation or statute. Therefore, the requested changes to the well records will not be made unless the Board of Oil, Gas and Mining determines otherwise.

We concur with the definition stated in your letter which considers crude oil, condensate or any mixture thereof as an "oil". However, the classification of a well as oil or gas depends on the predominant fluid produced from the well. Based on recent production reports received from your company, wells in the Anschutz Ranch East Unit produce predominantly gas with associated condensate or oil. Additionally, the Anschutz Ranch East Nugget reservoir has been described as a retrograde gas reservoir in various reports and hearings before the Board of Oil, Gas and Mining. Because the formation of condensate in such a reservoir is damaging, it seems illogical to describe this reservoir as an oil reservoir or to classify wells producing from this reservoir as oil wells.

The Division is currently revising the state rules and regulations for oil and gas operations based on the passage of SB 157 in 1983. The revision will include definitions of oil and gas wells which will probably be based on producing GOR. The guideline which is currently used for classifying oil and gas wells is that any well producing at a GOR greater than 10000:1 should be designated as a gas producing well. Using this guideline, the wells in the Anschutz Ranch East Unit are considered gas wells.

Page 2

Amoco Production Company
September 24, 1984

If the producing conditions change in any of the referenced wells and the change qualifies them for reclassification, the Division would be happy to make that determination. Please let us know if we can be of further assistance.

Sincerely,

Original Signed by John R. Baza

John R. Baza
Petroleum Engineer

cc: Mobil Oil Corp. Attn: J.L. Douglass
D.R. Nielson
R.J. Firth

<u>Well Name</u> (Anschutz Ranch East Unit #)	<u>Formerly</u>	<u>Location</u> (Summit County, Utah)	<u>API#</u>
W 16-06	Bountiful Livestock #1A	NE/4 Sec. 16 T4N R8E	43-043-30138
W 16-12	---	SW/4 Sec. 16 T4N R8E	43-043-30231
W 17-16	Champlin 458 G #1	SE/4 Sec. 17 T4N R8E	43-043-30176
W 19-16	Champlin 458 H #1	SE/4 Sec. 19 T4N R8E	43-043-30215
W 20-02	---	NE/4 Sec. 20 T4N R8E	43-043-30228
W 21-04	Champlin 458 F #1	NW/4 Sec. 21 T4N R8E	43-043-30135
E 21-14	Champlin 458 F #2	SW/4 Sec. 21 T4N R8E	43-043-30130
W 29-04	Champlin 458 Amoco D #1	NW/4 Sec. 29 T4N R8E	43-043-30129
W 29-06A	---	NW/4 Sec. 29 T4N R8E	43-043-30219
W 29-14A	---	SW/4 Sec. 29 T4N R8E	43-043-30251
W 30-10	---	SE/4 Sec. 30 T4N R8E	43-043-30215
W 31-04	Champlin 458 E #2	NW/4 Sec. 31 T4N R8E	43-043-30165
W 31-06	Champlin 458 E #6	NW/4 Sec. 31 T4N R8E	43-043-30217
W 31-08	Champlin 458 E #1	NE/4 Sec. 31 T4N R8E	43-043-30164
W 31-12	Champlin 458 E #3	SW/4 Sec. 31 T4N R8E	43-043-30190
W 32-04	---	NW/4 Sec. 32 T4N R8E	43-043-30162
W 36-10	---	SE/4 Sec. 36 T4N R8E	43-043-30227
W 36-16	Island Ranching E #1	SE/4 Sec. 36 T4N R8E	43-043-30157



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

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

DIVISION OF
OIL, GAS & MINING

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

Attn: Claudia Jones

Dear Claudia:

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

Production wells

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

Production wells (cont.)

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

Injection wells

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

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

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

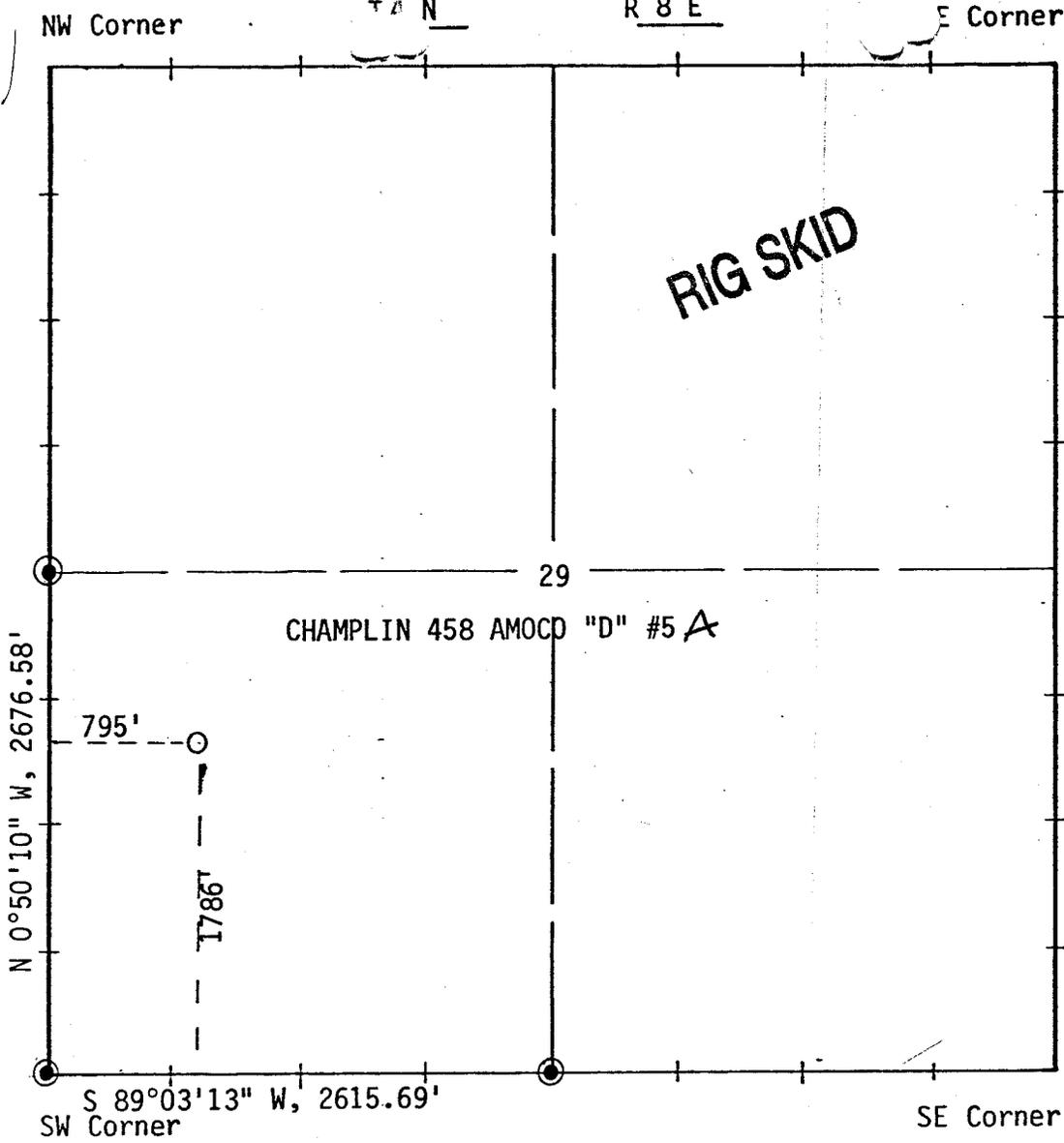
Thank you,



R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver



SCALE: 1" = 1000'

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

I, Loyal D. Olson III of Evanston, Wyoming certify that in accordance with a request from Jon Jensen of Evanston, Wyoming for Amoco Production Company I made a survey on the 11th day of January, 1983 for Location and Elevation of the Champlin 458 Amoco "D" #5 as shown on the above map, the wellsite is in the NW 1/4 SW 1/4 of Section 29, Township 4N, Range 8E of the Salt Lake Base & Meridian Summit County, State of Utah, Elevation is 7612 Feet To Stake Datum Man Sea Level Based on 3 Dimensional Control Network tied to USC&GS and USGS Benchmarks

Reference point NOTE: Well Pad under construction, elevation may change upon completion.

Reference point _____

Reference point _____

Reference point _____

BOOK
DATE: 1-11-83
JOB NO.: 82-10-58


 Loyal D. Olson III
 REGISTERED LAND SURVEYOR
 No. 4954
 Loyal D. Olson III
 STATE OF UTAH
 UTAH ENGINEERING AND SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING
 1/11/83

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

SUP IN TRIPLICATE*
Instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL **GAS WELL** **OTHER**

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1786' FSL & 795' FWL

14. PERMIT NO.
43-043-30214

15. ELEVATIONS (Show whether SP, RT, OR, etc.)
7612' GR

RECEIVED
JUN 14 1985
DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W29-14

9. WELL NO.
W29-14

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR B.L. AND SUBST OR AREA
Sec. 29, T4N, R8E

12. COUNTY OR PARISH **13. STATE**
Summit Utah

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

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

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.)

Improve vertical conformance

Cement squeeze: 13,092' - 13,210'

Perforate: 11,850' - 11,884'
11,900' - 11,928'
11,942' - 11,950'
11,996' - 12,017'

Start Date: 06/24/85

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

SIGNED W.B. Berins TITLE District Engineer DATE 6/5/85

(This space for Federal or State office use)

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

NL SPERRY-SUN, INC.
BOREHOLE ON-LINE SURVEY SYSTEM

AMOCO PRODUCTION COMPANY
A.R.E. 29-14A

EV-BO-40004
1/14/84

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0	N 0 0 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00
100	S 33 12 E	0.32	100.00	0.24 S	0.15 E	0.28	0.32
200	S 33 36 W	0.19	200.00	0.62 S	0.21 E	0.61	0.30
300	S 65 6 W	0.13	300.00	0.80 S	0.02 E	0.64	0.10
400	S 58 48 E	0.17	400.00	0.93 S	0.04 E	0.76	0.27
500	N 86 54 W	0.25	500.00	0.99 S	0.06 W	0.76	0.41
600	N 67 54 E	0.15	600.00	0.93 S	0.15 W	0.65	0.39
700	S 37 0 E	0.02	700.00	0.89 S	0.02 W	0.70	0.15
800	S 49 36 E	0.23	800.00	1.04 S	0.15 E	0.91	0.21
900	S 83 6 W	0.08	899.99	1.18 S	0.23 E	1.07	0.29
1000	S 21 54 E	0.09	999.99	1.26 S	0.19 E	1.12	0.14
1100	S 13 42 E	0.18	1099.99	1.48 S	0.26 E	1.34	0.09
1200	N 36 30 W	0.18	1199.99	1.51 S	0.20 E	1.32	0.35
1300	N 33 30 W	0.48	1299.99	1.03 S	0.13 W	0.75	0.30
1400	N 31 48 W	1.83	1399.97	0.68 N	1.20 W	-1.26	1.35
1500	N 27 24 W	2.18	1499.91	3.73 N	2.92 W	-4.73	0.38
1600	N 29 30 W	2.03	1599.84	6.96 N	4.67 W	-8.36	0.17
1700	N 21 36 W	1.95	1699.78	10.08 N	6.17 W	-11.76	0.29
1800	N 16 48 W	1.17	1799.74	12.64 N	7.09 W	-14.36	0.79
1900	N 5 18 E	0.88	1899.72	14.38 N	7.31 W	-15.88	0.49
2000	N 0 48 W	0.72	1999.71	15.78 N	7.25 W	-16.96	0.18
2100	N 48 6 E	0.70	2099.71	16.81 N	6.80 W	-17.52	0.59
2200	N 60 24 E	0.81	2199.70	17.57 N	5.73 W	-17.49	0.20
2300	N 77 30 E	1.17	2299.68	18.14 N	4.12 W	-16.97	0.46
2400	N 82 18 E	1.52	2399.66	18.54 N	1.81 W	-15.91	0.37
2500	N 81 12 E	1.68	2499.62	18.94 N	0.96 E	-14.57	0.16
2600	N 85 18 E	2.17	2599.56	19.32 N	4.30 E	-12.87	0.51
2700	N 89 0 E	2.90	2699.46	19.52 N	8.71 E	-10.38	0.75
2800	S 86 12 E	3.74	2799.29	19.35 N	14.50 E	-6.77	0.88
2900	S 83 12 E	4.46	2899.03	18.67 N	21.61 E	-1.95	0.75
3000	S 86 54 E	4.70	2998.71	17.99 N	29.56 E	3.37	0.38
3100	S 81 30 E	4.97	3098.36	17.13 N	37.94 E	9.08	0.53
3200	S 80 12 E	5.47	3197.94	15.67 N	46.92 E	15.64	0.51
3300	S 84 18 E	6.26	3297.42	14.32 N	57.04 E	22.80	0.89
3400	S 82 6 E	7.14	3396.74	12.93 N	68.62 E	30.86	0.92
3500	S 86 42 E	7.07	3495.97	11.72 N	80.92 E	39.22	0.57
3600	S 82 6 E	7.07	3595.21	10.52 N	93.16 E	47.52	0.57
3700	S 85 24 E	5.51	3694.60	9.29 N	104.04 E	55.04	1.60
3800	S 85 48 E	5.40	3794.15	8.56 N	113.52 E	61.32	0.12
3900	S 85 12 E	5.47	3893.70	7.81 N	122.96 E	67.58	0.09

NL SPERRY-SUN, INC.
BOREHOLE ON-LINE SURVEY SYSTEM

AMOCO PRODUCTION COMPANY
A.R.E. 29-14A

EV-B0-40004
1/14/84

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
4000	S 86 48 E	5.36	3993.25	7.15 N	132.38 E	73.76	0.19
4100	S 84 36 E	5.42	4092.81	6.45 N	141.74 E	79.95	0.22
4200	S 86 0 E	5.36	4192.37	5.68 N	151.10 E	86.18	0.14
4300	S 82 42 E	5.37	4291.93	4.76 N	160.40 E	92.50	0.31
4400	S 85 18 E	5.19	4391.50	3.79 N	169.55 E	98.77	0.30
4500	S 84 12 E	5.36	4491.07	2.95 N	178.71 E	104.94	0.20
4600	S 83 6 E	5.36	4590.64	1.92 N	187.99 E	111.34	0.10
4700	S 83 0 E	5.32	4690.20	0.79 N	197.23 E	117.78	0.04
4800	S 81 6 E	5.61	4789.74	0.54 S	206.66 E	124.50	0.34
4900	S 77 42 E	5.68	4889.25	2.35 S	216.32 E	131.75	0.34
5000	S 76 30 E	5.42	4988.78	4.51 S	225.75 E	139.14	0.28
5100	S 47 6 E	5.42	5088.35	8.83 S	233.81 E	147.43	2.75
5200	S 33 48 E	5.98	5187.86	16.37 S	240.16 E	157.28	1.43
5300	S 33 54 E	6.12	5287.30	25.12 S	246.03 E	167.80	0.14
5400	S 34 24 E	5.84	5386.75	33.75 S	251.88 E	178.21	0.28
5500	S 34 24 E	6.13	5486.21	42.35 S	257.77 E	188.62	0.29
5600	S 34 6 E	6.14	5585.63	51.18 S	263.79 E	199.30	0.03
5700	S 35 30 E	6.37	5685.04	60.13 S	270.01 E	210.19	0.28
5800	S 37 36 E	6.59	5784.39	69.19 S	276.73 E	221.47	0.32
5900	S 38 36 E	6.66	5883.73	78.27 S	283.85 E	233.00	0.13
6000	S 39 42 E	6.71	5983.04	87.30 S	291.20 E	244.64	0.14
6100	S 39 18 E	6.82	6082.34	96.39 S	298.69 E	256.40	0.12
6200	S 41 12 E	6.66	6181.65	105.34 S	306.27 E	268.12	0.27
6300	S 40 36 E	6.88	6280.95	114.25 S	313.99 E	279.88	0.23
6400	S 41 36 E	6.87	6380.23	123.27 S	321.85 E	291.81	0.12
6500	S 43 0 E	6.81	6479.52	132.08 S	329.87 E	303.67	0.18
6600	S 43 42 E	6.81	6578.81	140.70 S	338.01 E	315.45	0.08
6700	S 45 18 E	6.63	6678.12	149.05 S	346.21 E	327.05	0.26
6800	S 45 42 E	6.48	6777.47	157.05 S	354.35 E	338.34	0.16
6900	S 44 36 E	6.55	6876.82	165.06 S	362.39 E	349.57	0.14
7000	S 46 42 E	6.27	6976.19	172.86 S	370.37 E	360.60	0.37
7100	S 46 24 E	6.51	7075.56	180.52 S	378.45 E	371.57	0.24
7200	S 46 42 E	6.41	7174.93	188.25 S	386.62 E	382.66	0.11
7300	S 49 30 E	6.03	7274.34	195.49 S	394.67 E	393.29	0.49
7400	S 51 12 E	6.19	7373.77	202.28 S	402.87 E	403.64	0.24
7500	S 56 54 E	6.14	7473.19	208.58 S	411.55 E	413.89	0.61
7600	S 58 18 E	6.33	7572.59	214.40 S	420.72 E	424.05	0.24
7700	S 59 24 E	6.65	7671.95	220.24 S	430.40 E	434.53	0.34
7800	S 58 48 E	7.09	7771.23	226.39 S	440.66 E	445.60	0.45
7900	S 58 24 E	7.35	7870.43	232.94 S	451.39 E	457.28	0.26

NL SPERRY-SUN, INC.
BOREHOLE ON-LINE SURVEY SYSTEM

AMOCO PRODUCTION COMPANY
A.R.E. 29-14A

EV-BO-40004
1/14/84

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
8000	S 59 0 E	7.33	7969.61	239.57 S	462.30 E	469.14	0.08
8100	S 58 54 E	7.55	8068.77	246.25 S	473.39 E	481.14	0.22
8200	S 58 54 E	7.65	8167.89	253.08 S	484.72 E	493.41	0.10
8300	S 60 6 E	8.19	8266.93	260.07 S	496.59 E	506.12	0.56
8400	S 60 12 E	8.54	8365.87	267.31 S	509.21 E	519.49	0.35
8500	S 59 18 E	8.50	8464.76	274.78 S	522.01 E	533.14	0.14
8600	S 54 12 E	8.21	8563.70	282.73 S	534.15 E	546.79	0.80
8700	S 48 30 E	7.35	8662.78	291.14 S	544.74 E	559.88	1.15
8800	S 46 36 E	6.75	8762.02	299.42 S	553.80 E	571.93	0.64
8900	S 43 24 E	6.40	8861.36	307.50 S	561.90 E	583.26	0.51
9000	S 37 18 E	5.53	8960.82	315.39 S	568.65 E	593.62	1.08
9100	S 33 42 E	5.02	9060.39	322.86 S	573.99 E	602.81	0.61
9200	S 28 0 E	5.26	9159.99	330.55 S	578.57 E	611.70	0.56
9300	S 15 18 E	1.85	9259.78	336.15 S	581.15 E	617.73	3.48
9400	S 15 36 E	1.58	9359.74	339.04 S	581.95 E	620.52	0.27
9500	S 9 12 E	1.39	9459.70	341.56 S	582.51 E	622.88	0.25
9600	S 11 18 E	1.55	9559.66	344.09 S	582.97 E	625.17	0.17
9700	S 21 6 E	1.20	9659.63	346.39 S	583.61 E	627.40	0.42
9800	S 23 0 E	1.54	9759.60	348.60 S	584.51 E	629.71	0.34
9900	S 24 30 E	1.67	9859.56	351.16 S	585.64 E	632.44	0.14
10000	S 29 6 E	1.53	9959.52	353.66 S	586.90 E	635.18	0.19
10100	S 30 12 E	1.22	10059.49	355.74 S	588.08 E	637.56	0.31
10200	S 39 6 E	1.25	10159.46	357.51 S	589.30 E	639.71	0.19
10300	S 16 42 E	1.30	10259.44	359.44 S	590.32 E	641.86	0.50
10400	S 28 24 E	1.08	10359.41	361.36 S	591.09 E	643.86	0.33
10500	S 36 24 E	1.00	10459.39	362.89 S	592.06 E	645.67	0.17
10600	S 45 12 E	1.92	10559.36	364.77 S	593.77 E	648.20	0.94
10700	S 40 6 E	3.52	10659.24	368.30 S	596.93 E	652.92	1.62
10800	S 27 24 E	5.17	10758.95	374.65 S	600.98 E	660.43	1.90
10900	S 12 6 E	5.72	10858.50	383.52 S	604.10 E	669.40	1.55
11000	S 10 30 E	5.57	10958.02	393.17 S	606.03 E	678.27	0.22
11100	S 9 30 E	5.56	11057.54	402.72 S	607.71 E	686.91	0.10
11200	S 2 42 E	6.31	11157.01	412.99 S	608.77 E	695.76	1.03
11300	S 0 30 W	6.73	11256.36	424.33 S	608.98 E	704.96	0.56
11400	S 1 54 W	6.84	11355.65	436.14 S	608.73 E	714.26	0.20
11500	S 5 18 W	6.64	11454.96	447.85 S	608.00 E	723.18	0.45
11600	S 9 0 W	6.51	11554.30	459.21 S	606.58 E	731.41	0.44
11700	S 16 18 W	6.00	11653.71	469.82 S	604.22 E	738.48	0.94
11800	S 21 6 W	5.95	11753.16	479.67 S	600.89 E	744.36	0.50
11900	S 26 6 W	5.98	11852.62	489.19 S	596.73 E	749.47	0.52

AMOCO PRODUCTION COMPANY
A.R.E. 29-14A

EV-B0-40004
1/14/84

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
12000	S 28 48 W	5.95	11952.07	498.41 S	591.94 E	753.97	0.28
12100	S 38 0 W	5.51	12051.57	506.73 S	586.49 E	757.35	1.02
12200	S 39 6 W	5.05	12151.15	513.93 S	580.76 E	759.67	0.47
12300	S 46 48 W	5.12	12250.75	520.40 S	574.73 E	761.22	0.69
12400	S 46 18 W	5.17	12350.35	526.57 S	568.22 E	762.25	0.07
12500	S 50 12 W	4.77	12449.97	532.34 S	561.77 E	762.99	0.52
12600	S 46 12 W	4.91	12549.62	537.97 S	555.49 E	763.72	0.37
12700	S 44 24 W	5.08	12649.23	544.09 S	549.30 E	764.90	0.23
12800	S 43 48 W	4.79	12748.86	550.27 S	543.31 E	766.24	0.29
12900	S 46 42 W	4.70	12848.51	556.09 S	537.44 E	767.38	0.26
13000	S 43 0 W	4.57	12948.18	561.81 S	531.74 E	768.53	0.33
13100	S 48 12 W	4.16	13047.90	567.15 S	526.32 E	769.54	0.57
13200	S 44 12 W	4.37	13147.61	572.29 S	520.96 E	770.44	0.36
13300	S 40 36 W	4.41	13247.32	577.94 S	515.80 E	771.86	0.28
13400	S 41 18 W	4.53	13347.01	583.83 S	510.69 E	773.50	0.13
13500	S 33 18 W	4.69	13446.69	590.21 S	505.84 E	775.69	0.66
13600	S 21 36 W	5.10	13546.32	597.76 S	501.96 E	779.40	1.08
13700	S 15 24 W	5.60	13645.89	606.60 S	499.03 E	784.71	0.76
13800	S 21 12 W	5.11	13745.45	615.46 S	496.12 E	790.04	0.73
13900	S 25 6 W	4.75	13845.08	623.36 S	492.76 E	794.34	0.49
14000	S 27 36 W	5.23	13944.70	631.15 S	488.89 E	798.25	0.53
14100	S 26 18 W	5.20	14044.28	639.25 S	484.77 E	802.25	0.12
14150	S 21 30 W	5.00	14094.08	643.31 S	482.97 E	804.42	0.94

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.
THE VERTICAL SECTION WAS COMPUTED ALONG S 36 54 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 804.42 FEET, IN THE DIRECTION OF S 36 54 E
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

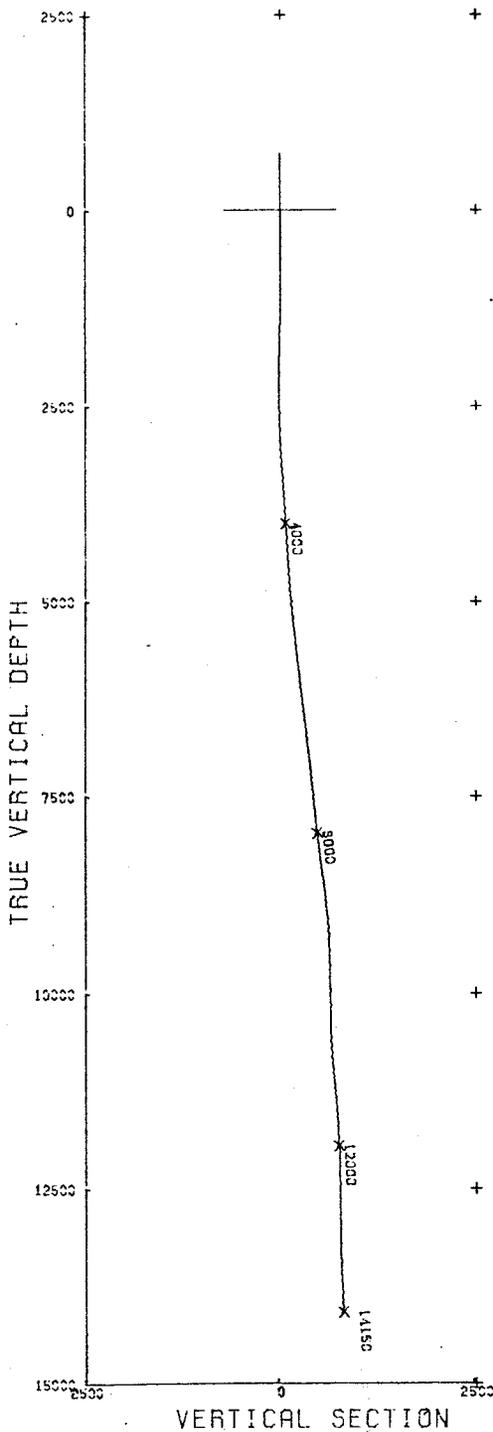
NL SPERRY - OUN INCORPORATED

VERTICAL PROJECTION
NO WELLS HAVE BEEN EXTRAPOLATED

CUST. AMOCO PRODUCTION COMPANY
JOB. NO. EV-60-40004
START MD. = 0
SCALE IS 2500 FEET/INCH
COURSE LENGTH = 100

REF. IS. A. R. E. 29-14A
DATE. 1/14/84
FINISH MD. = 14150
V. S. AZM. = 144.00

PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



N.L. SPERRY - OIL INCORPORATED

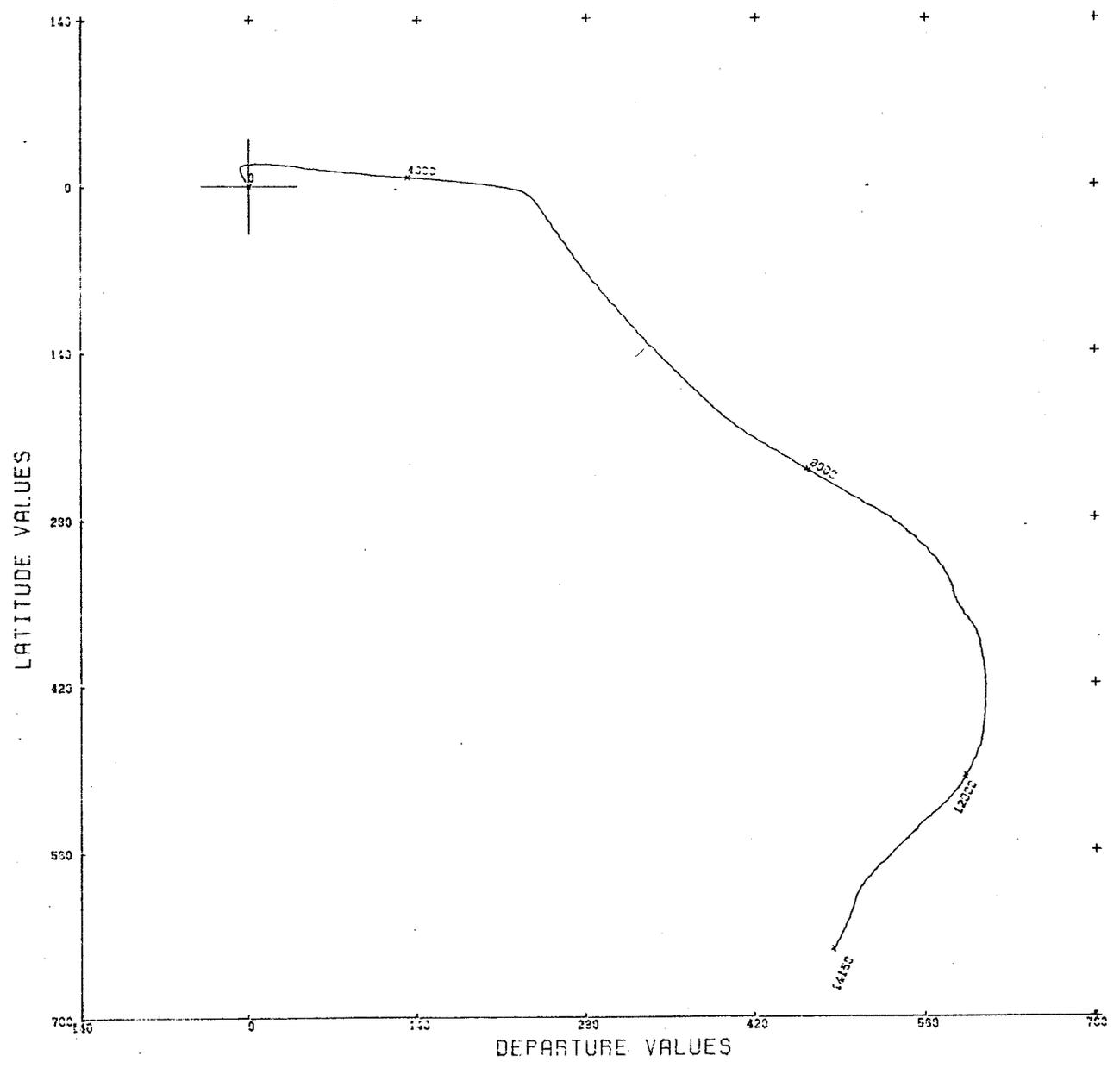


HORIZONTAL PROJECTION
NO WELLS HAVE BEEN EXTRAPOLATED

CUST. AMOCO PRODUCTION COMPANY
JOB. NO. EV-50-40004
START MD. = 0
SCALE IS 140 FEET/INCH
COURSE LENGTH = 100

REF. IS. A.R.E. 29-14A
DATE. 1/14/84
FINISH MD. = 14150
AXIS IS TRUE NORTH

PLOTTED VALUES SHOWN ARE MEASURED DEPTHS.



RECEIVED
JUL 14 1986

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)

DIVISION OF
OIL, GAS & MINING

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 W29-14A WELL
SEC. 29 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
DISPOSAL WELL
LP GAS STORAGE
EXISTING WELL (RULE I-4)

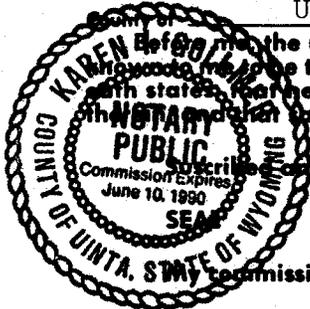
APPLICATION

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

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

Lease Name <u>UPRR 31-1</u>	Well No. <u>ARE W29-14</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>29</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 checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>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 <u>Gas</u>	
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>11,850</u> to <u>13,030</u>		
a. Top of the Perforated Interval: <u>11,850</u>	b. Base of Fresh Water: <u>3000</u>	c. Intervening Thickness (a minus b) <u>8850</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 <u>Gannet (claystone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>80</u> MMSCFD <u>B/D</u> <u>6100</u> <u>PSI</u>			
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 T.G. Idm



I, the undersigned authority, on this day personally appeared _____
who is the person whose name is subscribed to the above instrument, who being by me duly sworn on
with states 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.

Subscribed and sworn to before me this 30th day of June, 19 86
Karen J. Gallmer
Notary Public in and for Crawston, Wyo
Commission expires June 10, 1990

INSTRUCTIONS

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

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	3495'		sfc	
Intermediate	9 5/8"	10398'			
Production	7"	14783'		11770'	CBL
Tubing	3 1/2"	12441'	Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval		

14,302'

Nugget

11,850'

13,030'



RECEIVED
JUL 14 1986

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)

DIVISION OF
OIL, GAS & MINING

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 W29-14 WELL
SEC. 29 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

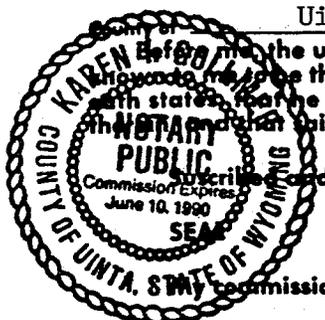
- Comes now the applicant and shows the Corporation Commission the following:
1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
 2. That the applicant submits the following information.

Lease Name <u>UPRR 31-1</u>	Well No. <u>ARE W29-14</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>29</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 checked="" type="checkbox"/>	Casing Test <u>Will be reported</u> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date on final Sundry	
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 <u>Gas</u>	
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>11,850 to 13,030</u>		
a. Top of the Perforated Interval: <u>11,850</u>	b. Base of Fresh Water: <u>3000</u>	c. Intervening Thickness (a minus b) <u>8850</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 <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) Amoco Production Company
Uinta) Applicant T.G. Idm

I, the undersigned authority, on this day personally appeared _____
who is the person whose name is subscribed to the above instrument, who being by me duly sworn on
with states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
in the above report is true and correct.

Subscribed and sworn to before me this 30th day of June, 19 86
Karen J. Gallner
Notary Public in and for Evansston, Wyo
My commission expires June 10, 1990





Amoco Production Company
ENGINEERING CHART

Sheet No. _____ Of _____
File _____
Appn _____
Date _____
By _____

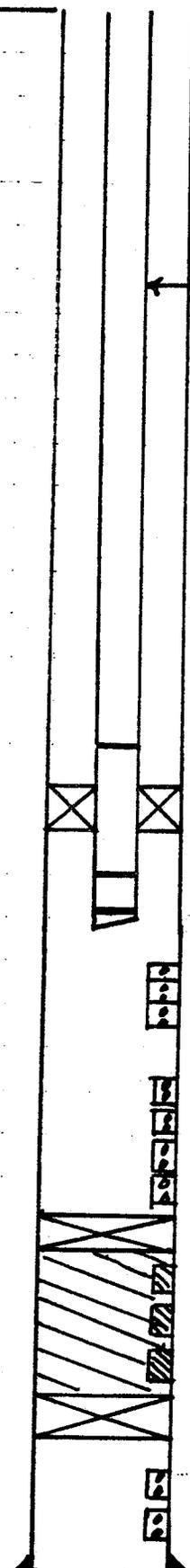
SUBJECT ARE W 2944 A

Well Bore

SN 1/4 Sec 29 T4N R8E
1786 FSL 795 FWL

7612 GL 7670 KB

← 3 1/2 EUE 8rd 9.3 PPF N-80 T₆



OTIS 'R' Nipple 2.562 ID 11551

Baker Model R-3 PKR 11585

OTIS X Nipple 2.313 ID 11624

OTIS XN Nipple 2.313 X 2.205 11657

11850 - 11884

11900 - 11928

11942 - 11950

11996 - 12017

ZONE 2 12562'

12570 - 12641

12656 - 12712

12770 - 12800

12880 - 12904

12972 - 12994

Halliburton CICR SA @ 13030

13062 - 13082 Squeezed

13092 - 13174 Squeezed

13174 - 13200 Squeezed

Halliburton CIBP SA @ 13250

13426 - 13453

13610 - 13680

7" 32^{II} SA @ 14302



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

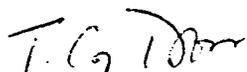
Injection Well Application
ARE W30-14, W20-02, W30-08 and W29-14
Anschutz Ranch East
Summit County, Utah

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



Amoco Production Company

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

T. G. Doss
District Manager

7/12
orig letter file
cc letter & orig
report & logs →
R. Firth

RECEIVED
JUL 14 1986

July 11, 1986

See Attached List

File: RMR-64-603.211/WF

**DIVISION OF
OIL, GAS & MINING**

Injection Well Application
ARE W30-14, W20-02, W30-08, W29-14
Anschtuz 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.M.*

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 Anschtuz 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

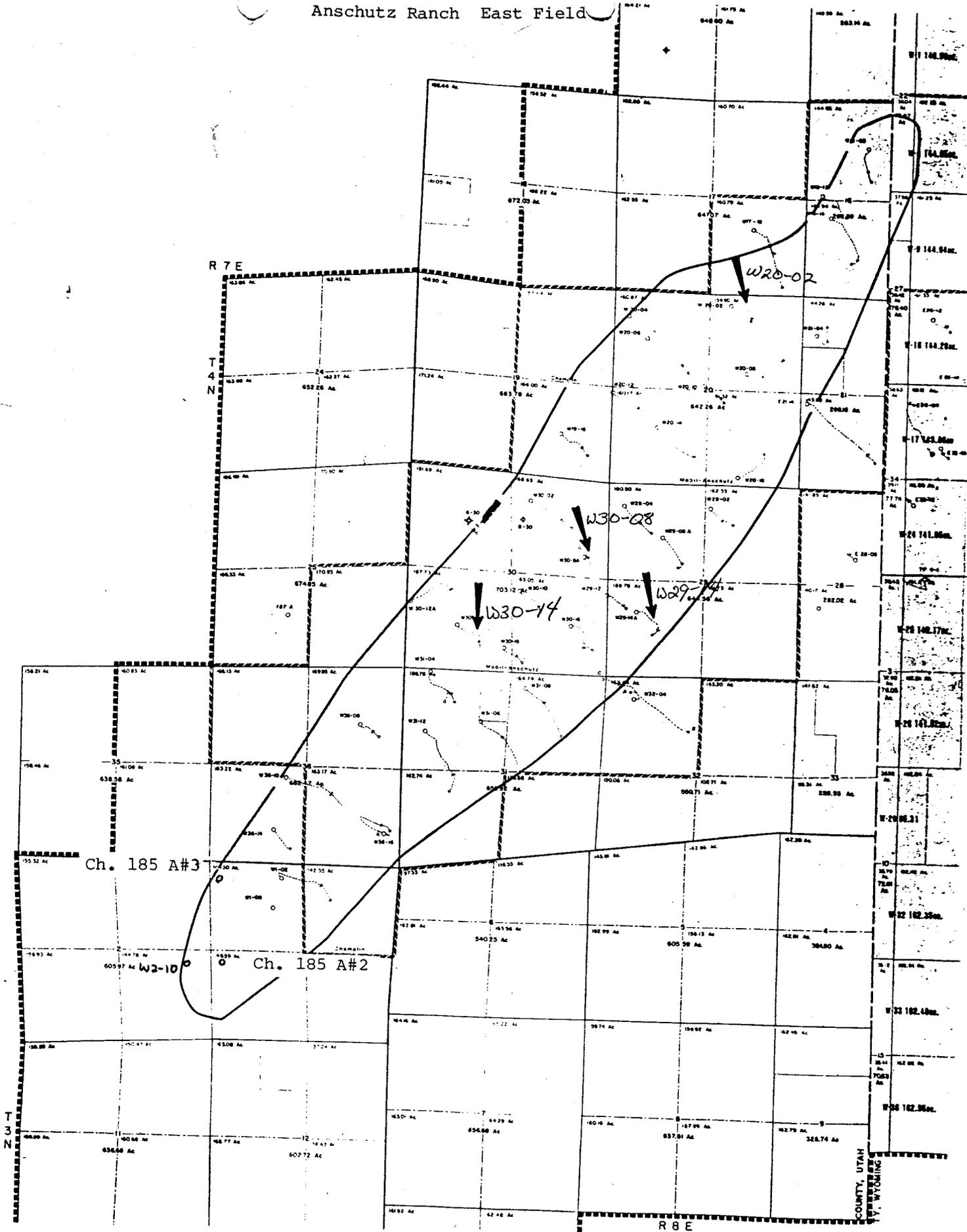
Mobil Rocky Mountain, Inc.
1225 17th Street
Denver, Colorado 80202

Attn: William E. Prichard

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

Attn: Donald R. Reeves

Anschutz Ranch East Field

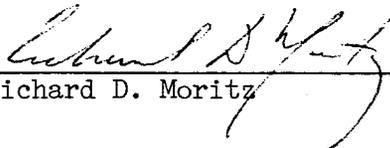


VERIFICATION AND AFFIDAVIT

STATE OF UTAH)
 :
 : SS
COUNTY OF SUMMIT)

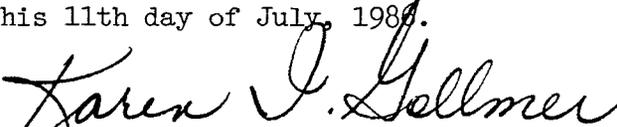
Richard D. Moritz, of lawful age, being first duly sworn on his oath, deposes and says:

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.

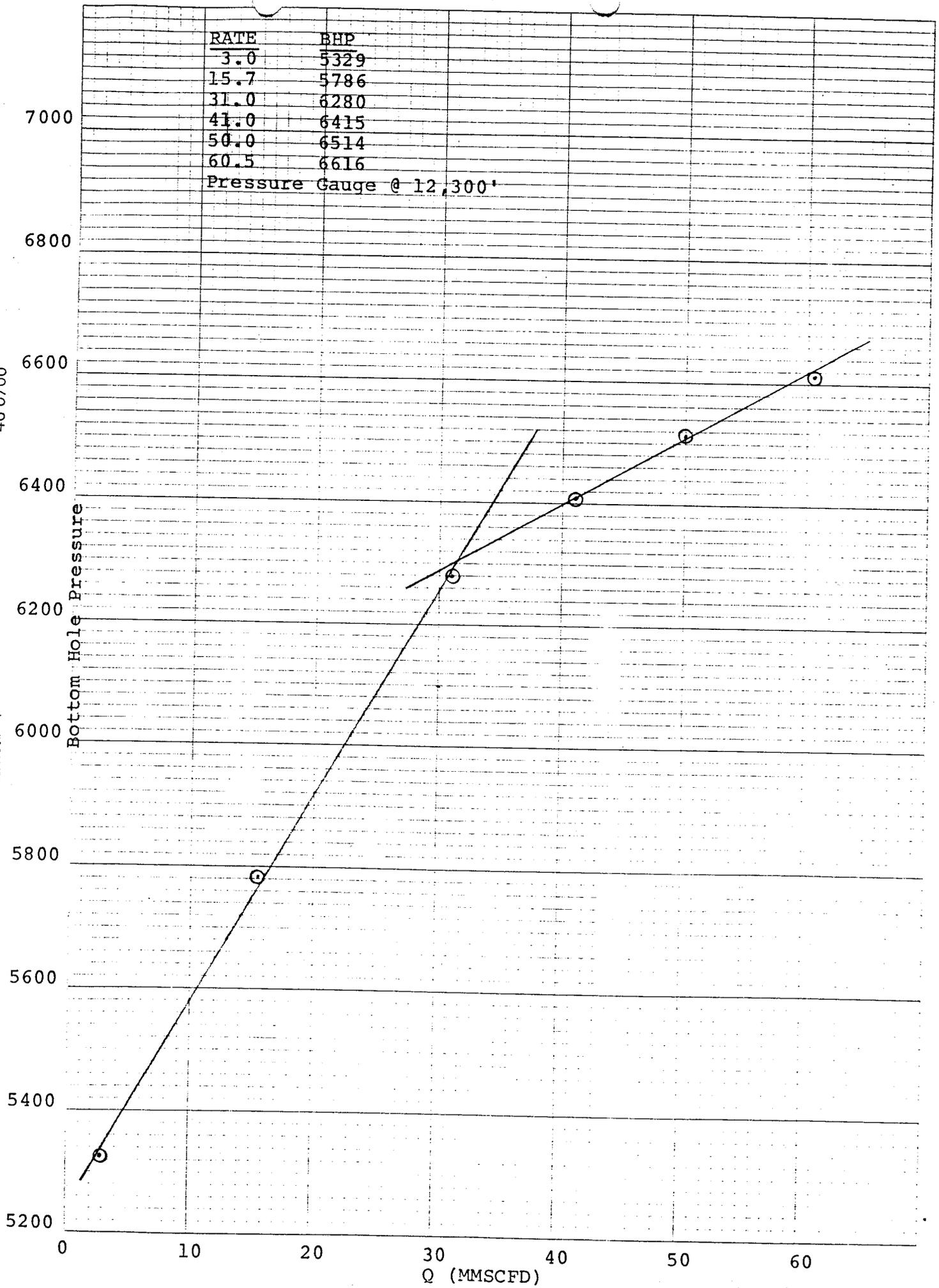
ANSCHUTZ W20-14 STEP RATE TEST

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

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



Injection Operating Data

ARE Injection Wells

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

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

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

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

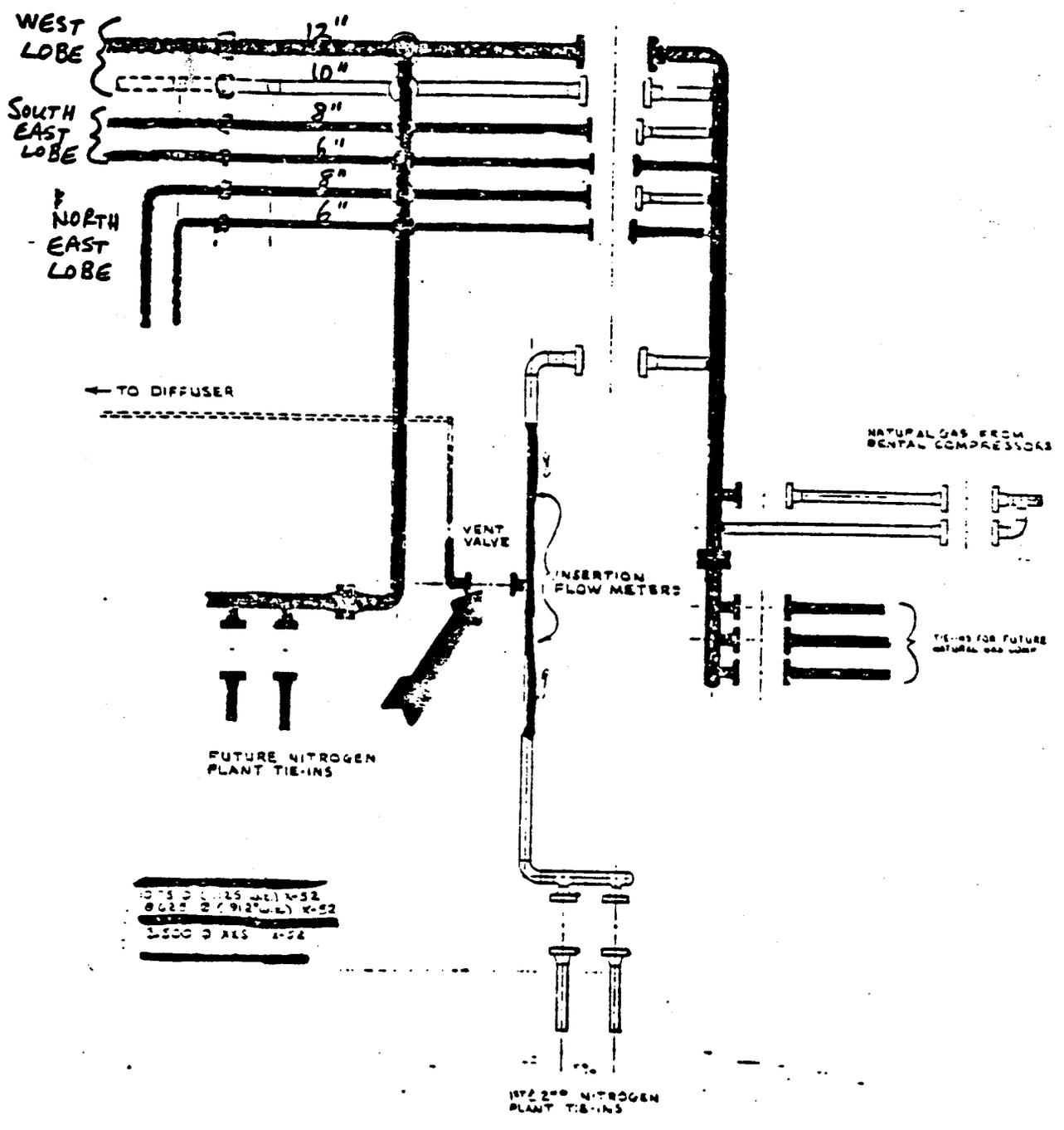
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

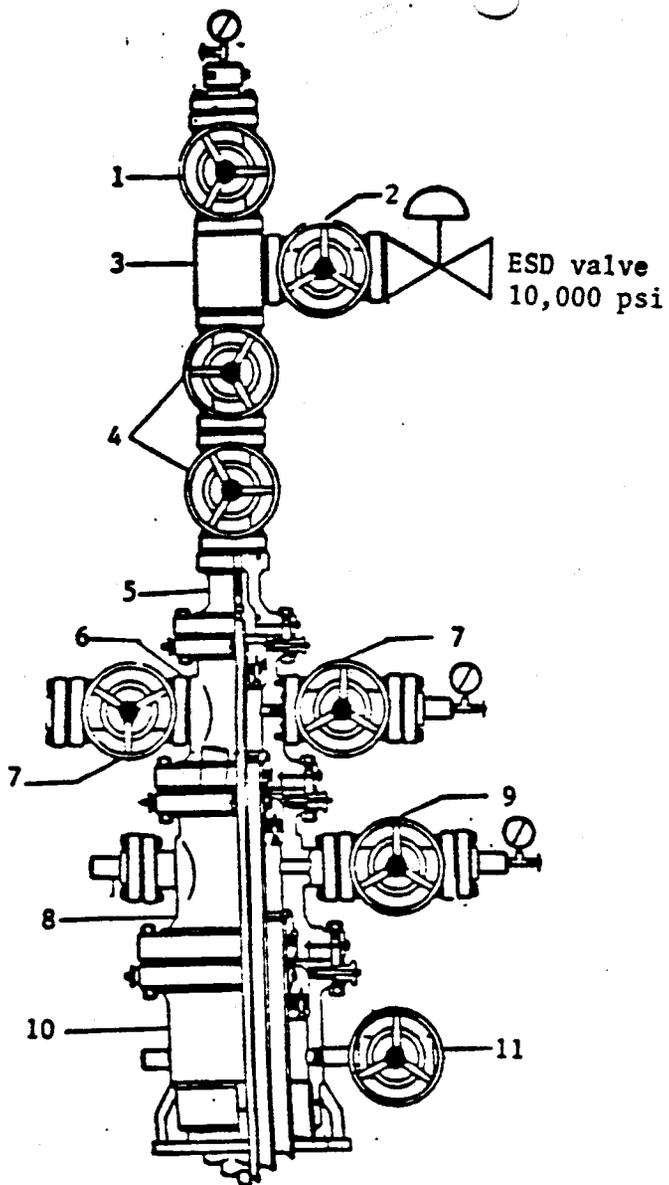
1. ESD valve on injection flowline - shuts down on a high casing-tubing annulus pressure (3000 psig)

Contingency Plan

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



ARE Milling Station
Scale - 1/4" = 1'



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.

cont 7/30/86

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON 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 1786' FSL & 795' FWL		8. FARM OR LEASE NAME W29-14A
14. PERMIT NO. 43-043-30214	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7607' KB 7612' GL	9. WELL NO. W29-14A
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Nugget
NOTICE OF INTENTION TO:		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 29, T4N, R8E
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	12. COUNTY OR PARISH 13. STATE Summit Utah
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 checked="" 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)		
(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 two (2) bottom sets of perforations in the lower part of zone 2 (12,800'-12,904' and 12,972'-12,994') will be cement squeezed in anticipation of reducing high GOR (gal oil ratio) high N₂ production. All the remaining zone 2 perforations will then be isolated by placing a bridge plug at 12,500'. The following pay will then be perforated in lower zone 1: 12,110'-12,130'; 12,188'-12,204'; 12,290'-12,310'; 12,320'-12,445'. At this point in the workover, all prior existing upper zone 1 perforations will be "packed-off" using two (2) packers. The new lower zone 1 perforations (mentioned earlier) will then be tested to the Anschutz Ranch East plant. Work should commence Monday, July 21, 1986 and continue for 5-6 days.

Verbal approval obtained by Bruce Leggett (Amoco) from Gil Hunt (UtO&GC) on July 18, 1986 at 15:50 p.m.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/30/86
BY: [Signature]

RECEIVED
JUL 28 1986
DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE Staff Fac. Eng Supervisor DATE 7-22-86

(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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

080415

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1786' FSL & 795' FWL		8. FARM OR LEASE NAME W29-14A
14. PERMIT NO. 43-043-30214		9. WELL NO. W29-14A
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7607' KB 7612' GL		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH 18. STATE Summit Utah

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

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

Baker cement retainer was run and set @ 12,805'. The perforations from 12,880' - 12,904' and 12,972' - 12,994' were squeeze cemented with 100 sx Class "H". Eleven barrels of cement were reversed-out after obtaining squeeze. Set a cast iron bridge plug @ 12,550' to isolate upper zone 2. Ran tubing conveyed guns with RTTS packer and AR-1 packer. Isolated upper zone 1 perforations between the two packers (RTTS set at 12,055'; AR-1 set at 11,710'). Perforated the following intervals:

- 12,110' - 12,130'
- 12,188' - 12,204'
- 12,290' - 12,310'
- 12,320' - 12,445'

Rigged down service unit on Saturday 7-26-86. Well flowing to plant 7-26-86.

RECEIVED
JUL 31 1986
DIVISION OF OIL GAS & MINING

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

SIGNED [Signature] TITLE Eng. Supervisor So. Operations DATE 7-28-86

(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

SUBMIT IN TRIPLICATE
(Order instructions on reverse side)

082007 P

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
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1786' FSL & 795' FWL

14. PERMIT NO.
43-043-30251

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
7607' KB 7612' GL

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W29-14A

9. WELL NO.
W29-14A

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., S., M., OR BLK. AND SUBSTY OR ARRA
Sec. 29, 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 checked="" type="checkbox"/>	(Other) <u>Test well</u>	<input checked="" type="checkbox"/>

(Other) Test zone

(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 tubing - conveyed perforating guns will be pulled out of the well and a seal bore packer will be run by wireline and set at 12,025'. A seal assembly will then be tripped in the well with a "snap-set" packer to be set approximately 270' above the seal bore packer. Upper Zone 1 will be isolated between the two packers and lower Zone 1 will be tested to the ARE Plant for about two (2) weeks. Work should begin 8-16-86 and should be completed by 8-20-86.

RECEIVED
AUG 18 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE Staff Fac. Eng. Supervisor DATE 8-13-86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

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

DATE: 8-28-86
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

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 30, 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:

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 PROSSURE: 6100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 80 MMSCFD

Approval of this Application will be granted unless any objections are filed with the Division 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

W-38

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

[Signature]
Legal Advertising Clerk

Subscribed and sworn to before me this 11th day of August, A.D. 19.86.

[Signature]
Notary Public

My Commission Expires March 1, 1988



RECEIVED
AUG 12 1986

DIVISION OF
OIL, GAS & MINING

PROOF OF PUBLICATION



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

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

IN THE MATTER OF THE
APPLICATION OF AMOCO
PRODUCTION COMPANY, 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.

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

was published in said newspaper for _____ con-

secutive issues, the first publication having been made on the

3 day of August, 1986, and the last

on the _____ day of _____, 19____, that said

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

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

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

Shirley B. Phelps

Subscribed and sworn to before me this _____ day of

August, 1986

Susan L. Beep
Notary Public

My commission expires Nov 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

---00000---

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

---00000---

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

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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

091101

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <u>Fee</u>	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <u>AMOCO PRODUCTION COMPANY</u>		7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u>	
3. ADDRESS OF OPERATOR <u>P. O. BOX 829, EVANSTON, WYOMING 82930</u>		8. FARM OR LEASE NAME <u>W29-14A</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>1786' FSL & 795' FWL</u>		9. WELL NO. <u>W29-14A</u>	
14. PERMIT NO. <u>43-043-30251</u>		10. FIELD AND POOL, OR WILDCAT <u>Nugget</u>	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>7607' KB 7612' GL</u>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 29, 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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

The tubing conveyed perforating guns and packers were pulled out of the well and another retrievable packer was run and set at 12,039'. A seal assembly, tubing and a snap-set packer were run into the well and the well was placed on production on August 28, 1986. Upper Zone 1 pay is isolated between the two packers and the well is currently testing lower Zone 1 pay.

RECEIVED
SEP 09 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Vern E. Pister* TITLE SRSTF PET ENG. Supervisor DATE 9-5-86

(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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

092902

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		RECEIVED SEP 25 1986	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 1786' FSL & 795' FWL			8. FARM OR LEASE NAME W29-14A
14. PERMIT NO. 43-043-30251	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7607' KB 7612' GL		9. WELL NO. W29-14A
			10. FIELD AND POOL, OR WILDCAT Nugget
			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
			12. COUNTY OR PARISH 13. STATE Summit Utah

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

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

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

The production packers and tubing will be pulled from the well and the following lower Zone 1 intervals will be cement squeezed due to high GOR production:

- 12,110' - 12,130'
- 12,188' - 12,204'
- 12,290' - 12,310'
- 12,320' - 12,445'

A total of 300 sx of Class "H" cement is planned to be used. The squeeze cement and the cast iron bridge plug at 12,550' will be drilled out. An injection packer and high pressure injection tubing will then be run in the well.

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE STAF FAC ENG SUPV DATE 9-22-86
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9-26-86
BY: John R. Day
*See Instructions on Reverse Side

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

100725

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
OCT 02 1986

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 1786' FSL & 795' FWL		8. FARM OR LEASE NAME W29-14A
14. PERMIT NO. 43-043-30251		9. WELL NO. W29-14A
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7607' KB 7612' GL		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR S.E.K. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE UT

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 type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/>

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

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

The production tubing, AR-1 "snap-set" packer, seal assembly, and retrievable "DB" packer were pulled from the well. A cement retainer was run and set at 12,080' by wireline. The following perforated intervals in Lower Zone 1 were cement squeezed with 300 sx Class "H" cement:

- 12,110' - 12,130'
- 12,188' - 12,204'
- 12,290' - 12,310'
- 12,320' - 12,445'

A total of 9.5 bbl cement were reversed out and to the pit. The cement retainer, cement, and cast iron bridge plug at 12,550' were drilled and pushed to bottom at 12,850'. An injection packer was then run and set by wireline at 11,560'. A 10,000 psi injection tubing spool was mounted to the casing spool and high-pressure injection tubing was run in the well. The well was left shut in on 9-26-86 awaiting injection line tie-ins.

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

SIGNED Richard D. Swartz TITLE Stf Fac Eng Supervisor DATE 9-30-86

(This space for Federal or State office use)

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

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Well name change 2-9-83

* Rig skid 1-18-83 refer to well #W29-14

Converted to inj 9/27/86

*860516 Oper. chg. from Amoco Prod. Co. to Amoco Rockmount
 & 910080 CONVERSION TO PGW*

DATE FILED 2-14-83 7-14-86 (UIC application filed)

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

DRILLING APPROVED: 2-14-83 8-26-86 (UIC application approved)

SUDDDED IN: 1-18-84

COMPLETED: 47-84 PGW PUT TO PRODUCING:

INITIAL PRODUCTION: 1991 BOPD, 12785 MCF 1 BWPD

GRAVITY A.P.I. 45°

GOR: 6421

PRODUCING ZONES: 12519-13680 Nugget

TOTAL DEPTH: 14302' MD; 14245' TVD

WELL ELEVATION: 7670' KB

DATE ABANDONED:

FIELD: Anschutz RANCH East

UNIT: Anschutz RANCH East

COUNTY: Summit

WELL NO. W29-14A

API 43-043-30251

LOCATION 1786 FT. FROM (N) (S) LINE, 795 FT. FROM (E) (W) LINE. NW SW ¼-¼ SEC. 29

BHL: 1200' ESL 1374' FWL

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
4N	8E	29	AMOCO ROCKMOUNT CO.				

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
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonsen Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Mojave Preuss 8354	Pennsylvanian	SILURIAN
Stone Cabin	San Rafael Twin Creek 10280	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	xxxxx Watton Creek 10938		CAMBRIAN
Paleocene	xxxxx Boundary Ridge 11311	Pardox	Lynch
Current Creek	xxxxx Rich 11358	Ismay	Bowman
North Horn	xxxxx Slide Rock 11658	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akahl	Ophir
xxxxx Bear River 3571	xxxxx Gypsum Ridge 11722	Barker Creek	Tintic
xxxxx Garnet 4937	xxxxx Nugget 11844		PRE-CAMBRIAN
Price River	xxxxx Gypsum Spring 14130	Cane Creek	
Blackhawk	TR C		

UTAH OIL AND GAS CONSERVATION COMMISSION

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

*Well name change 2-9-83

*Rig skid 1-18-83 refer to well #W29-14

Approved for **GIW** 8-26-86

121604

DATE FILED 2-14-83

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN

DRILLING APPROVED: 2-14-83

SUDDEN IN: 1-18-83

COMPLETED: 4784 PGW PUT TO PRODUCING:

INITIAL PRODUCTION: 1991 BOPD, 12785 MCF 1 BWPD

GRAVITY A.P.I. 45°

GOR 6421

PRODUCING ZONES: 12519-13680 Nugget nysd

TOTAL DEPTH: 14302

WELL ELEVATION: 7670

DATE ABANDONED:

FIELD: Anschutz Ranch East

UNIT:

COUNTY: Summit

WELL NO. W29-14A

API #43-043-30251

LOCATION 1786 FT. FROM ~~N~~ (S) LINE.

795

FT. FROM ~~N~~ (W) LINE NW SW

1/4 - 1/4 SEC 29

TWP.	RGE.	SEC.	OPERATOR
------	------	------	----------

TWP.	RGE.	SEC.	OPERATOR
------	------	------	----------

4N

8E

29

AMOCO PROD. CO.

Rockmound

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison Preuss 8354	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash Twin Creek 10280	Oquirrh	Laketown Dolomite
Colton	San Rafeal Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis Watton Creek 10938		CAMBRIAN
Paleocene	Entrada Boundary Ridge 11311	Pardox	Lynch
Current Creek	Moab-Tongue Rich 11358	Ismay	Bowman
North Horn	Carmel Slide Rock 11658	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana Bear River 3571	Navajo Gypsum Ridge 11722	Barker Creek	Tintic
Mesaverde Gannet 4937	Kayenta Nugget 11844		PRE - CAMBRIAN
Price River	Wingate Gypsum Spring 14130	Cane Creek	
Blackhawk	TRIASSIC		

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

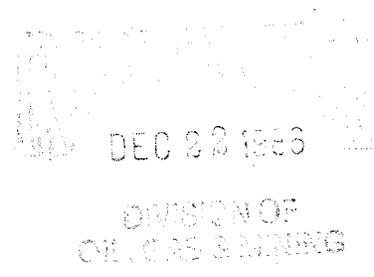
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Gas Injection Well		7. UNIT AGREEMENT NAME Anschutz Ranch East
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		8. FARM OR LEASE NAME W29-14A
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		9. WELL NO. W29-14A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1786' FSL & 795' FWL		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 29, T4N, R8E
14. PERMIT NO. 43-043-30251	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7607' KB 7612' GL	12. COUNTY OR PARISH Summit
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	<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 fullfilling the requirements of Rule 505, the annulus in the W29-14A well was pressure tested 9-25-86 to 1500 psi with 8.5 pound per gallon fluid in the annulus for 15 minutes. The packer is set at 11,560'. No leaks were detected at the end of the test. The well is currently injecting high-pressure gas into the Nugget formation.



18. I hereby certify that the foregoing is true and correct
 SIGNED Rebecca 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. Bangarter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

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

July 14, 1992

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

Gentlemen:

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

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

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

Page 2
Pressure Test
July 14, 1992

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

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

Sincerely,



Gil Hunt
UIC Program Manager

ldc
Attachment
WOI52

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 EMSTON

BOUNTIFULL B-1

ISLAND RANCH D-1



15

13

18

17

W 16-06

16

W 16-12

W 16-14

W 17-6

E 26-08

E 26-09

372 C-1

GRAVEL PIT

W 20-04

W 20-02

E 26-12

E 26-15

22

23

372 D-1

24

W 19-08

W 20-06

W 21-04

E 26-13

W 20-12

W 20-08

W 20-10

W 21-14

E 28-13

E 35-05

NITROGEN PLANT

E 35-04

E 34-09

W 19-16

W 20-14

W 20-16

ISLAND RANCH B-1

W 30-02

W 29-04

W 29-02

458 H-1

E 28-06

27

26

25

6-30 U

W 30-06

W 30-08

W 29-06 A

29

ISLAND RANCH B-2

W 30-12

W 30-14

W 30-10

W 29-12

W 29-14

E 28-12

ISLAND RANCH C-1

27-1

187-A1

W 30-13

W 30-15

W 30-16

372 B-1

W 31-04

W 31-08

W 32-04

34-2

34

34-1

35

W 36-08

W 31-12

W 31-06

W 31-10

W 31-05

W 36-10

W 36-14

W 36-16

32

33

4 N 8 E

3 N 8 E

5

4

4 N 7 E

3 N 7 E

2

W 1-04

W 1-02

W 1-06

W 1-12

W 2-10

4-1

1

W 12-04

W 11-01

6

12

TO COALVILLE

ANTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
EVANSTON WYOMING 82930

JUNE 1988

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

TEST DATE: 8-11-92 WELL OWNER/OPERATOR: Amoco - Rockmount
DISPOSAL WELL: ENHANCED RECOVERY WELL: OTHER:
API NO: 43-043-30251 WELL NAME/NUMBER: AREU # 29-14A
SECTION: 29 TOWNSHIP: 4N RANGE: 8E

INITIAL CONDITIONS:

TUBING - rate: pressure: 4900
CASING/TUBING ANNULUS - pressure: 450

CONDITIONS DURING TEST:

TUBING pressure: 4900 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1050 psi 15 min
annulus pressure drop during test: None psi

CONDITIONS AFTER TEST:

TUBING pressure: 4900 psi
CASING/TUBING ANNULUS pressure: 350 psi

REMARKS:

OK

Russell L. Dranger
OPERATOR REPRESENTATIVE

John Brown
DOGM WITNESS

PRINTED IN U.S.A.

TESTED BY # 9

DOUBLE-D-ENTERPRISES

SHOSHONI
876-2308

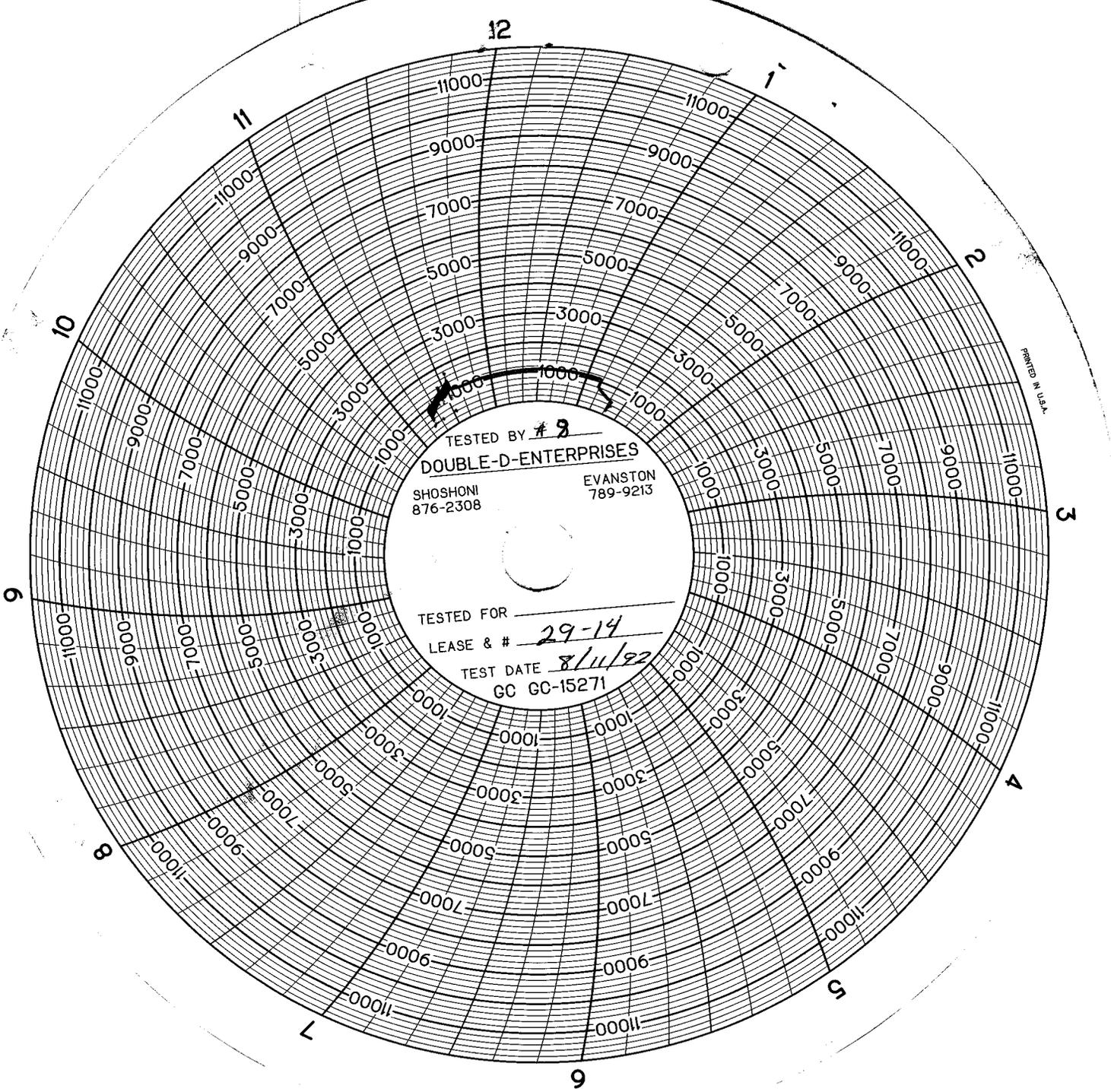
EVANSTON
789-9213

TESTED FOR _____

LEASE & # 29-14

TEST DATE 8/11/92

GC GC-15271



FEB 20 1996

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL [] GAS [x] OTHER:

2. Name of Operator: Amoco Production Company

3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201

4. Location of Well: Footages: 1786' FSL x 795' FWL; QQ, Sec., T., R., M.: Sec 29 T4N-R8E

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name: Anschutz Ranch East

8. Well Name and Number: W29-14A

9. API Well Number: 43-043-30251

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

NOTICE OF INTENT (Submit in Duplicate)

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

Other Conversion

Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

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

Date of work completion

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

* Must be accompanied by a cement verification report.

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 to convert the well.

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

13.

Name & Signature:

[Handwritten Signature]

Title: Regulatory Analyst Date: 2/14/96

(This space for State use only)

Accepted by the State of Utah Division of Oil, Gas and Mining

Date: 2-21-96

By: [Handwritten Signature]

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)
4304330231	04540	04N 08E 16	NGSD			Free		
4304330238	04540	04N 08E 20	NGSD			"		
4304330250	04540	04N 08E 29	NGSD			"		
4304330251	04540	04N 08E 29	NGSD			"		
4304330257	04540	04N 08E 28	NGSD			"		
4304330270	04540	03N 07E 1	NGSD			"		
4304330271	04540	03N 07E 1	NGSD			"		
4304330273	04540	04N 08E 30	NGSD			"		
4304330277	04540	03N 07E 11	NGSD			"		
4304330279	04540	04N 07E 25	NGSD			"		
4304330283	04540	03N 07E 2	NGSD			"		
4304330286	04540	04N 08E 20	NGSD			"		
4304330291	04540	04N 08E 20	NGSD			"		
TOTALS								

COMMENTS: _____

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

Date: _____

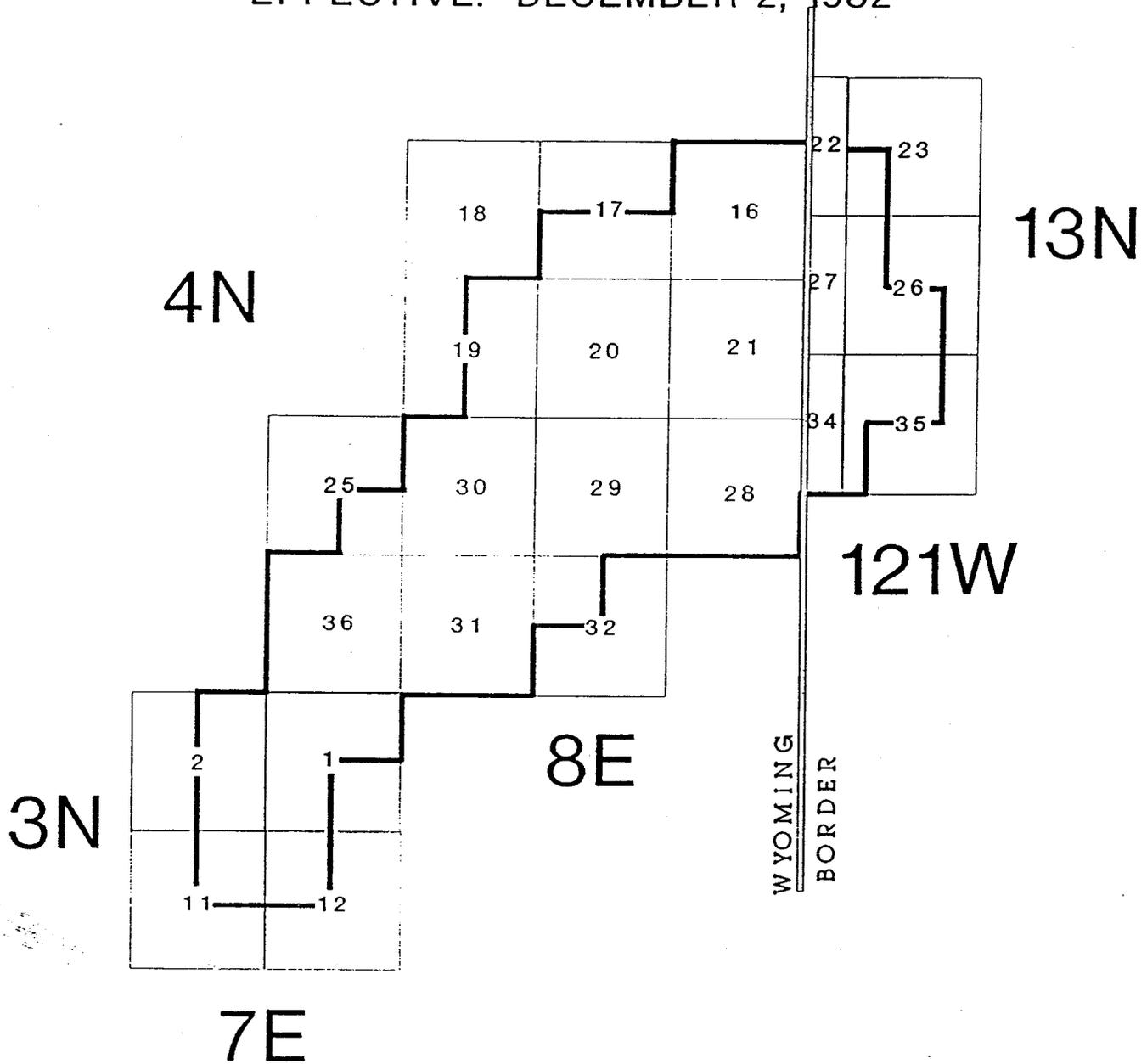
Name and Signature: _____

Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



— UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

Page 2

G. G. Martinez
Notification of Sale
February 26, 1998

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

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

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

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3

G. G. Martinez

Notification of Sale

February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

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

Lisha Cordova
Admin. Analyst, Oil & Gas

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

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

7. Unit Agreement Name:
W29-14A

1. Type of Well: OIL GAS OTHER:

6. Well Name and Number:

2. Name of Operator:
Amoco Production Company

9. API Well Number:

43-043-30251

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

10. Field and Pool, or Wildcat:

ARE

4. Location of Well
Footages: 1786' FSL, 795' FWL

County: Summit

CO, Sec., T., R., M.: Sec 29, T4N, R8E

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

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

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

Approximate date work will start _____

Date of work completion _____

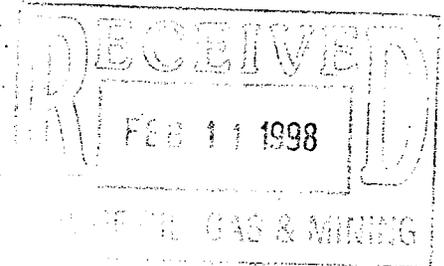
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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

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

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



Name & Signature: G. G. Martinez

Title: Permit Agent

Date: 2/5/98

(This 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

ANN: Lisha Cardona

801-359-3904

4 pages

*Ed Haebler
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:

DIRECTORSNAMES

J. M. Brown

J. M. Gross

D. H. Welch

ADDRESSES

501 WestLake Park Boulevard
Houston, TX 77079

501 WestLake Park Boulevard
Houston, TX 77079

200 East Randolph Drive
Chicago, IL 60601

OFFICERSNAMES

J. M. Brown

M. R. Gile

J. N. Jagers

OFFICES

President

Vice President

Vice President

ADDRESS

501 WestLake Park Blvd.
Houston, TX 77079

1670 Broadway
Denver, CO 80202

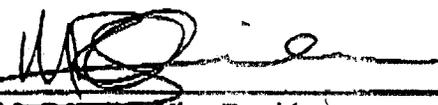
1670 Broadway
Denver, CO 80202

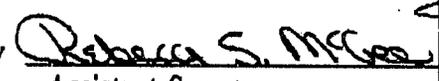
<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
D. H. Welch	Vice President	200 East Randolph Drive Chicago, IL 60601
J. M. Gross	Secretary	501 WestLake Park Blvd. Houston, TX 77079
R. B. Wilson	Assistant Secretary	1670 Broadway Denver, CO 80202
Rebecca Gormezano	Assistant Secretary	200 East Randolph Drive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

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

AMOCO ROCMOUNT COMPANY

ATTEST:

By 
M. R. Gile, Vice President

By 
Rebecca S. McGee
Assistant Secretary

STATE OF COLORADO)
)
CITY OF DENVER) ss.

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

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

Sherita A. White
Notary Public

OPERATOR CHANGE WORKSHEET

1-LEC ✓	6-LEC ✓
2-REH ✓	7-KAS ✓
3-FIT ✓	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 ROCMOUNT COMPANY</u>
(address)	<u>PO BOX 800</u>	(address)	<u>PO BOX 800</u>
	<u>DENVER CO 80201</u>		<u>DENVER CO 80201</u>
			<u>ED HADLOCK</u>
Phone:	<u>(303) 830-5340</u>	Phone:	<u>(303) 830-5340</u>
Account no.	<u>N0050</u>	Account no.	<u>N1390</u>

WELL(S) attach additional page if needed:

***ANSCHUTZ RANCH EAST UNIT**

Name: **SEE ATTACHED**	API: <u>43-043-30251</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/WIC "No Chg.", DBASE/WIC "No Chg." (See comments)
- lec 6. **Cardex** file has been updated for each well listed above. (2-26-98)
- lec 7. **Well file labels** have been updated for each well listed above. (2-26-98)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-26-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

- GH 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.

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

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.

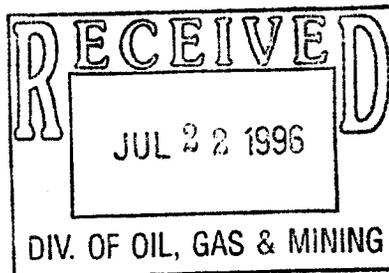
	5. Lease Designation and Serial Number: FEE
	6. If Indian, Allottee or Tribe Name:
	7. Unit Agreement Name: Anshcutz Ranch East
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	8. Well Name and Number: W29-14A
2. Name of Operator: Amoco Production Company	9. API Well Number: 43-043-30251
3. Address and Telephone Number: P.O. Box 800 Room 1735E Denver, CO 80201	10. Field and Pool, or Wildcat: Anshcutz Ranch EAsT
4. Location of Well Footages: 1786' FSL x 795' FWL OO, Sec., T., R., M.: Sec 29 T4N-R8E	County: Summit State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	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 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
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 rework plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Description and Mineral Number:

FEE

6. If Inland, Address or Tract Name:

7. Lease Agreement Name:

Anschutz Ranch East

8. Well Name and Number:

ARE W29-14A

9. API Well Number:

430433021400 (R's SKID)

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) 366-5798)

501 Westlake Park Blvd, Houston, TX 77253-3092

4. Location of Well

Footage:

1786' FSL x 795' FWL

OO, Sec., T., R., M.:

Section: 29 TWP: 4N RGE: 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 Pull completion - full up casing
- New Construction
- Pull or Alter Casing
- Recomplete
- Repair or Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start June 23, 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
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

- Following the continued success of tubing pulls at ARE we plan to pull the tubing on W29-14A.

- Please see attached procedure.

13.

Name & Signature:

[Signature]

Title: Operations Engineer Date: 6/13/00

(This space for Office use only)

COPY SENT TO OPERATOR

Date: 6-20-00

Initials: CHD

(See Instructions on Reverse Side)

APPROVED

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

[Signature]

Date: 6-19-00

Workover Procedure

Anschutz Well No. W29-14

Location: Section 29, 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 electric 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 electric line and set plug in the bottom Otis 2.313" "XN" nipple profile at 11,610 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. Rig down slickline.
5. Pickup tubing string approximately 20 ft and sting out of the Baker "DB" packer at 11,730 ft. with locator seal assembly. *NOTE: annular hydrostatic pressure is approximately 5,000 psi. Prior to stinging out of packer fill tubing string with fresh water to minimize differential*

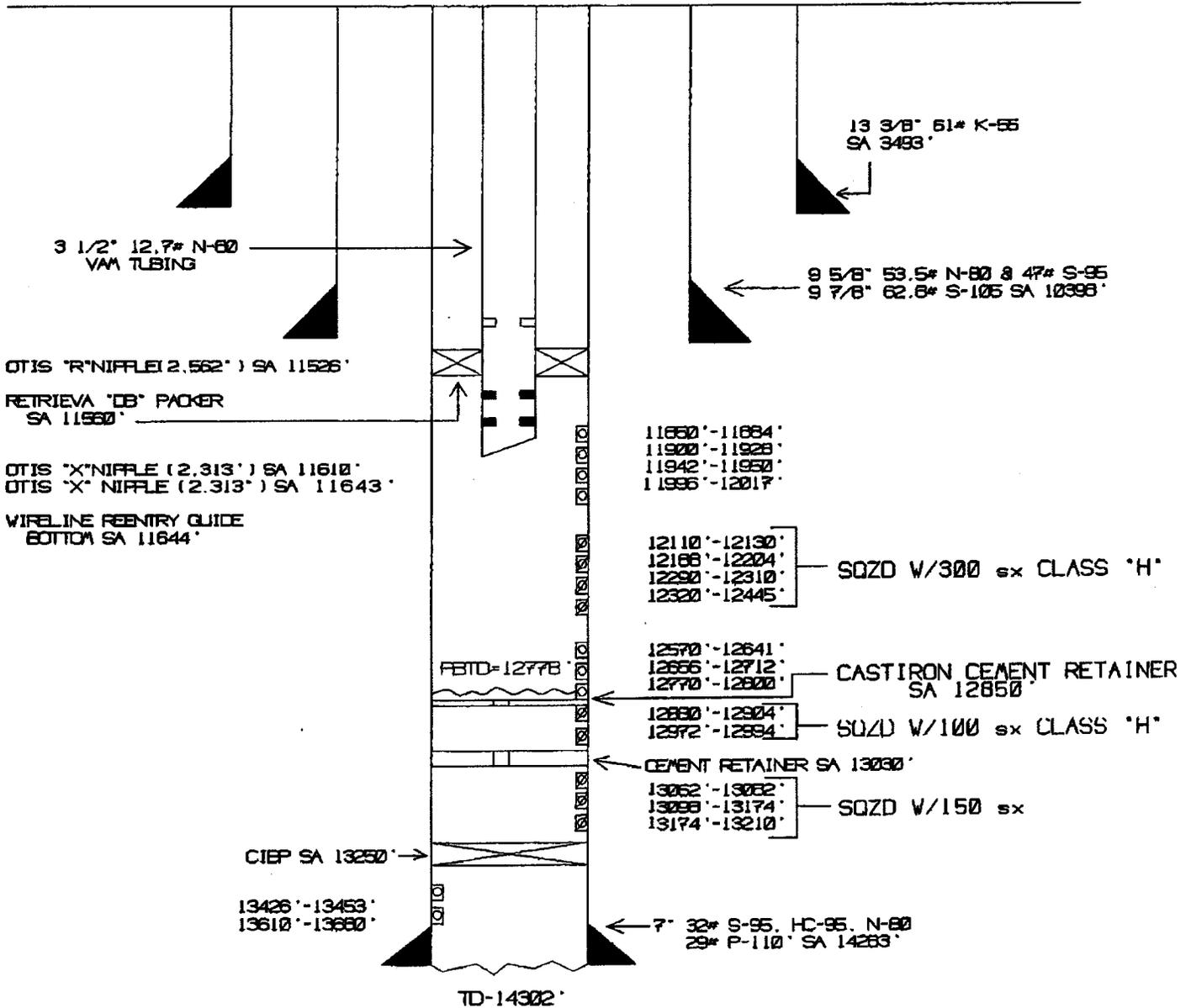
6. After locator has been stung out immediately begin pumping down the annulus and up the tubing to clear downhole debris. Displace with water until packer top is clean.
7. Begin pumping down the tubing with nitrogen displacing water up the annulus to a 500 bbl holding tank until the tubing and annulus are dry. Leave enough water downhole to form second pressure barrier (estimated pressure below plug is approximately 2,500 to 3,500 psi). Rig down N2 equip. (keep on standby).
8. Bleed nitrogen pressure off the annulus. Check the well for flow.
9. Pull out of hole with the tubing string laying down in singles.
10. Rig up Schlumberger electric line and lubricator. Run in with hydrostatic bailer to clear debris from top plug.
11. RIH with electric line, equalize pressure and PULL plug from the Otis 2.313" "X" nipple at 11,610 ft. Use N2 as necessary to assist with release of plug. Flow as much water back out of the hole as possible.
12. Rig up Weatherford e-line and caliper. Run 40 arm caliper (tool OD 3.55") from 11,600 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext. 2036
13. Rigup lubricator with 6 ft completion inside. Pressure test lubricator. RIH with centralized wireline re-entry guide, Otis 2.562" "R" nipple and hanger. (Provides double barrier protection for surface seals).
14. 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.

LAST UPDATED:
7/18/86

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W29-14A

LOCATION: SW/4 SEC. 29 T4N R8E. 1786' FSL x 795' FWL
SUMMIT COUNTY UTAH
ELEVATION: 7670' K.B. / 7612' G.L.





FACSIMILE TRANSMISSION



<p>To:</p> <p>State of Utah Department of Natural Resources Division of Oil, Gas, and Mining</p> <p>Attention: Bob Krueger</p> <p>Fax No.: 801-359-3940</p>	<p>From:</p> <p>Jon Lowe BP Amoco Exploration Western U.S. Gas Business Unit P.O. Box 3092 Houston, Texas 77253-3092</p> <p>Telephone: 281-366-5798 Reply Fax: 281-366-7937</p>
<p>Date: June 13, 2000</p>	<p>No. of Pages Including Cover: 5</p>

Please see attached

Bob,

This is one more well we are going to try and get in in the next month. Please call if you have any questions. Thanks for getting the other sundries taken care of so quickly. It's a great help in getting our work done and maximizing flow. I'll get subsequent sundries to you on the first set of wells very soon.

Thank you,

Jon Lowe

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, Allottee or Tribe Name:

7. Unit Agreement Name:

Anschutz Ranch East

8. Well Name and Number:

ARE W29-14A

9. API Well Number:

4304330251

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) 366-5798
501 Westlake Park Blvd, Houston, TX 77253-3092

4. Location of Well: 1786' FSL x 795' FWL
Footage:

OO, Sec., T., R., M.: Section: 29 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)

SUBSEQUENT REPORT
(Submit Original Form Only)

- 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

- 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

Approximate date work will start

Date of work completion June 30, 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 dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- Please see attached procedure and wellbore diagram

13.

Name & Signature:

Jon Lowe

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

COPY SENT TO OPERATOR
Date: 10-24-00
Initials: CHP

Date: 10-24-00

(See Instructions on Reverse Side)

BP AMOCO

UPDATED: 06/30/00

Submitted by: M. Olson

WELLBORE DIAGRAM

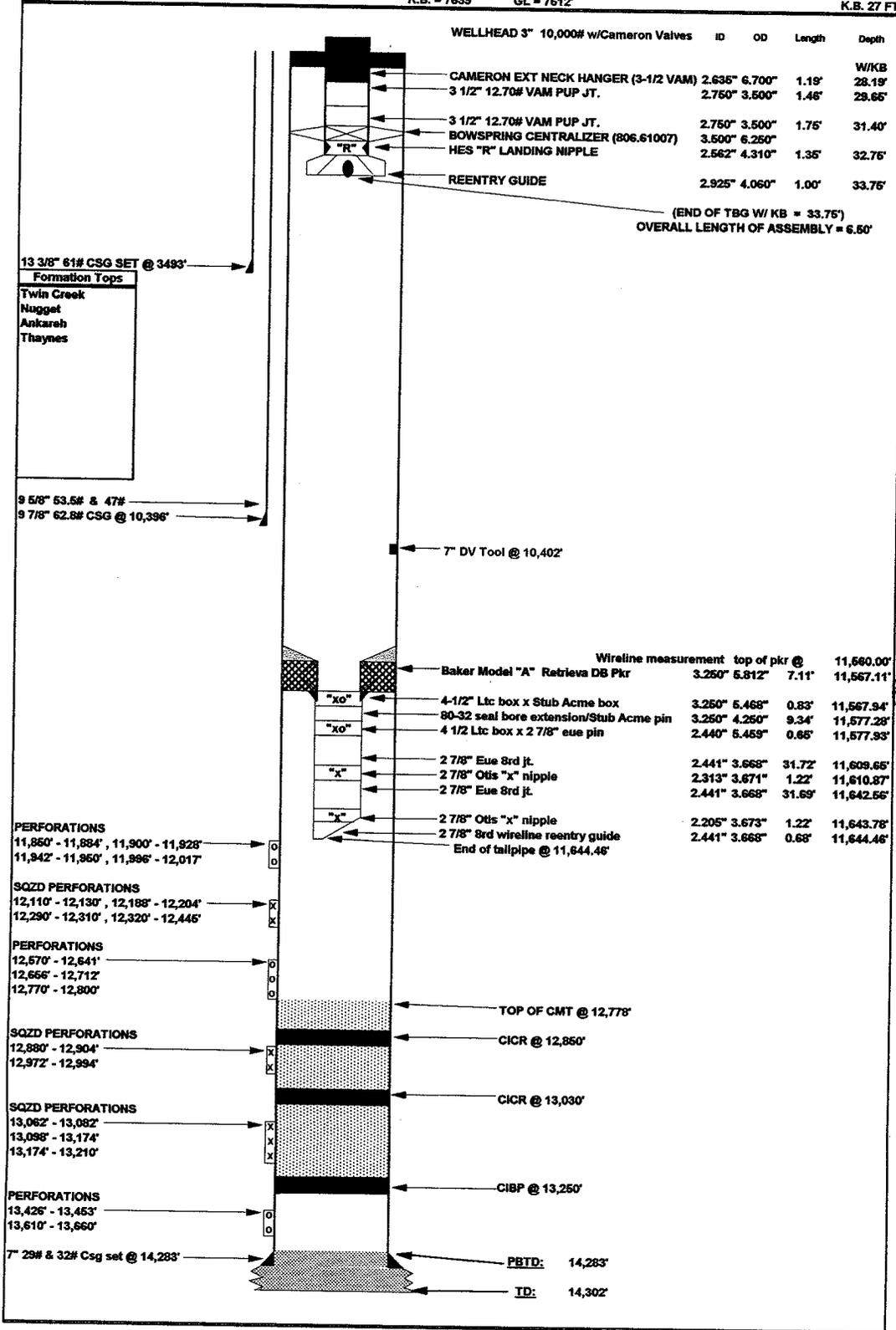
Field: Anschutz Ranch

Well: W 29-14a

SEC: 29 TWP: 4N RGE: 8E

K.B. = 7639' GL = 7612'

K.B. 27 FT.



BP AMOCO
 ANSCHUTZ RANCH
 W 29-14a
 SEC 29 TWP 4N RGE 8E
 K.B. 27 FT.

Workover Procedure

Anschutz Well No. W29-14

Location: Section 29, 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 electric 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 electric line and set plug in the bottom Otis 2.313" "XN" nipple profile at 11,610 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. Rig down slickline.
5. Pickup tubing string approximately 20 ft and sting out of the Baker "DB" packer at 11,730 ft. with locator seal assembly. *NOTE: annular hydrostatic pressure is approximately 5,000 psi. Prior to stinging out of packer fill tubing string with fresh water to minimize differential*

6. After locator has been stung out 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. Leave enough water downhole to form second pressure barrier (estimated pressure below plug is approximately 2,500 to 3,500 psi). Rig down N2 equip. (keep on standby).
8. Bleed nitrogen pressure off the annulus. Check the well for flow.
9. Pull out of hole with the tubing string laying down in singles.
10. Rig up Schlumberger electric line and lubricator. Run in with hydrostatic bailer to clear debris from top plug.
11. RIH with electric line, equalize pressure and PULL plug from the Otis 2.313" "X" nipple at 11,610 ft. Use N2 as necessary to assist with release of plug. Flow as much water back out of the hole as possible.
12. Rig up Weatherford e-line and caliper. Run 40 arm caliper (tool OD 3.55") from 11,600 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext. 2036
13. Rigup lubricator with 6 ft completion inside. Pressure test lubricator. RIH with centralized wireline re-entry guide, Otis 2.562" "R" nipple and hanger. (Provides double barrier protection for surface seals).
14. 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
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 3092 CITY Houston STATE TX ZIP 77253-3092 PHONE NUMBER: (281) 366-5798		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
4. LOCATION OF WELL FOOTAGES AT SURFACE: 795' FWL x 1786' FSL COUNTY: Summit QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 29 4N 8E STATE: UTAH		8. WELL NAME and NUMBER: W29-14A
		9. API NUMBER: 4304330251
		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/17/2000	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input checked="" type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Shortly after the tubing was removed and the well began flowing up the casing, June 2000, W29-14A became unstable due to low velocity. To remedy this tubing was re-inserted. A 3-1/2" 12.7# N-80 string was stung into the packer located at 11,567' to return the well to production. See attached wellbore diagram for details. The work was completed December 17, 2000.

RECEIVED
AUG 23 2001
DIVISION OF
OIL, GAS AND MINING

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

BP AMOCO
 UPDATED: 12/15/2000
 Submitted by: M. Olson

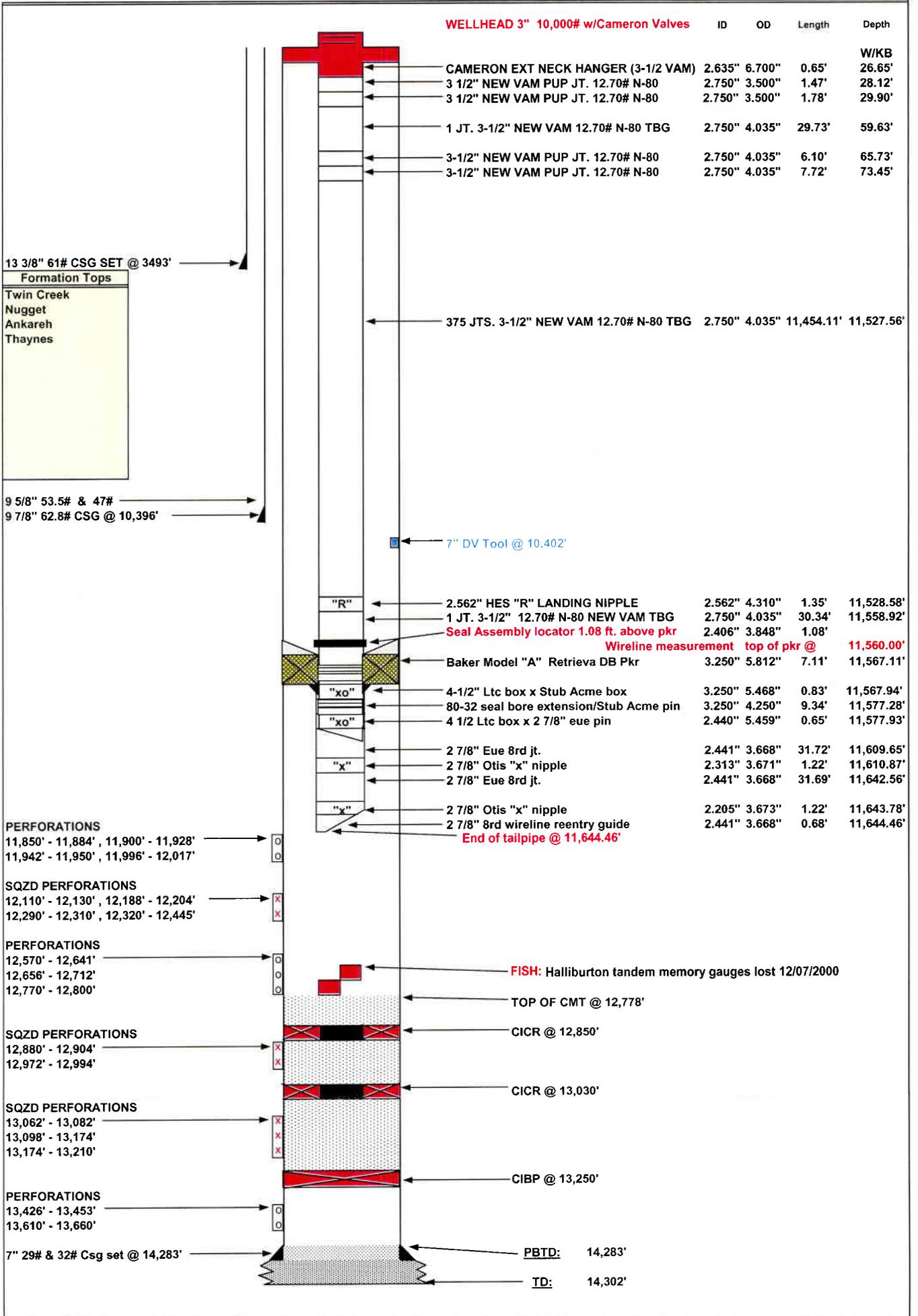
WELLBORE DIAGRAM

Field: Anschutz Ranch
 Well: W 29-14a

SEC: 29 TWP: 4N RGE: 8E

K.B. = 7639' GL = 7612'

K.B. 26 FT.



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: See Attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		8. WELL NAME and NUMBER: See Attached
2. NAME OF OPERATOR: Amoco Production Company		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd, Houston CITY TX STATE ZIP 77079	PHONE NUMBER: (281) 366-5328	10. FIELD AND POOL, OR WILDCAT: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See Attached</u>		COUNTY: <u>See Attached</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <u>UTAH</u>

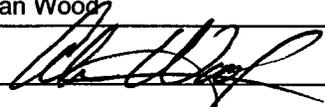
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> 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: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

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

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

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

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

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

CERTIFICATE

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

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

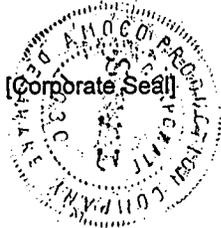
NOW, THEREFORE, BE IT,

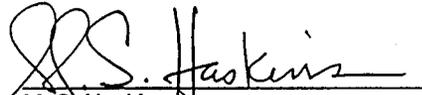
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

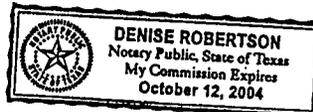
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

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

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
See Attached

8. WELL NAME and NUMBER:
See Attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See Attached

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

2. NAME OF OPERATOR:
BP America Production Company

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

PHONE NUMBER:
(281) 366-2000

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

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

STATE: UTAH

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

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

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

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

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

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Fred N. Digm 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	Fl. NS	NS	Fl. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		16 NWSW	2137 S		686 W	
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E		34 NWNW	1036 N		1100 W	
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 SENE	2202 N		1592 E	
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWNW	627 N		435 W	
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		21 NWSW	2365 S		200 W	
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		21 NWNW	1063 N		401 W	
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWNE	662 N		2460 E	
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		16 SENE	1314 N		618 E	
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E		26 SWSE	1324 S		1722 E	
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E		23 NWNW	860 N		536 W	
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWSW	1518 S		1283 W	
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 SWSE	257 S		1640 E	
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWSW	2204 S		22 W	
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NESE	1345 S		968 E	
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 SESE	890 S		447 E	
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWNW	1291 N		936 W	
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		32 NWNW	642 N		791 W	
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 NWNE	468 N		2201 E	
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 NWNW	111 N		737 W	
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 SENE	1641 N		1183 E	
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E		9 SWNW	1837 N		1286 W	
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E		23 NESE	2170 S		680 E	
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		17 NWSE	1765 S		1444 E	
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 SENE	2109 N		665 E	
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 SESW	1195 S		1405 W	
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 SENW	1777 N		1666 W	
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 SWNW	1778 N		640 W	
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		19 SWSE	1229 S		1350 E	
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 NENW	386 N		2013 W	
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NWSE	2230 S		2432 E	
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 SESW	626 S		2848 E	
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 SENW	1397 N		2181 W	
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NWNE	715 N		2182 E	
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWSW	2531 S		7 W	
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		28 SENW	1900 N		1652 W	
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 NESW	2315 S		3185 E	
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWNE	319 N		2000 E	
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 SENW	2560 N		2567 W	
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		16 SWNW	2756 S		454 W	
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWNW	702 N		414 W	
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NWSW	1886 S		47 W	
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 SENW	1513 N		1548 W	
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWSW	1786 S		795 W	
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 SESW	901 S		1780 W	
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		28 NWSW	1994 S		806 W	
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		2 NWSE	1959 S		1463 E	
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 SWNW	697 N		465 W	
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 NWSW	2072 S		1669 W	
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		19 SENE	2227 N		301 E	

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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



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

1594 West North Temple, Suite 1210
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Salt Lake City, Utah 84114-5801
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Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 26, 2003

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

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

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

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

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

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

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

7/1/2003

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

CA No.

Unit:

ANSCHUTZ RANCH EAST

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:
