

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 Unit

8. Farm or Lease Name

9. Well No.

#20-10

10. Field and Pool, or Wildcat

Anschutz Ranch East

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

Sec 20, R4N, R8E

12. County or Parrish 13. State

Summit

Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

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.\*)

At surface

2567 FWL & 2560 FNL

At proposed prod. zone

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

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

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

20. Rotary or cable tools

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

7381.2 GR

22. Approx. date work will start\*

When Approved

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
As required	20"-24"	106#	40'-80'	Dependent on terrain
17 1/2"	13 3/8"	68#-72#	4650'	50' into Aspen
12 1/4"	9 5/8" X 9 7/8"	47#-53.5#-62#	10700'	100-150' into Twin Creek
8 1/2"	7"	32#	13500'	TD-150' below GWC

PROPOSE TO DEVELOP NUGGET RESERVES

(See Attachments)

~~(Well to be drilled in accordance with the Order issued in Cause 183-11)~~

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

DATE: 4-15-83

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give pertinent data of subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Larry L. Smith

Title

Staff Administrative Analyst

Date

4/12/83

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

ATTACHMENT TO FORM OGC-1a

Anschutz Ranch East 20-10

1) Geologic name of the surface formation: Tertiary

2) Estimated tops of geological markers:

Aspen	4600
Gannett	6375
Preuss	9350
Salt	10350
Twin Creek	10600
Nuggett	12150
Ankareh	13250

3) Casing Program: See Form OGC-1a, Item #23

4) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, the BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached schematic. Thereafter, the equipment will be tested in accordance with State/Federal requirements.

5) Mud Program:

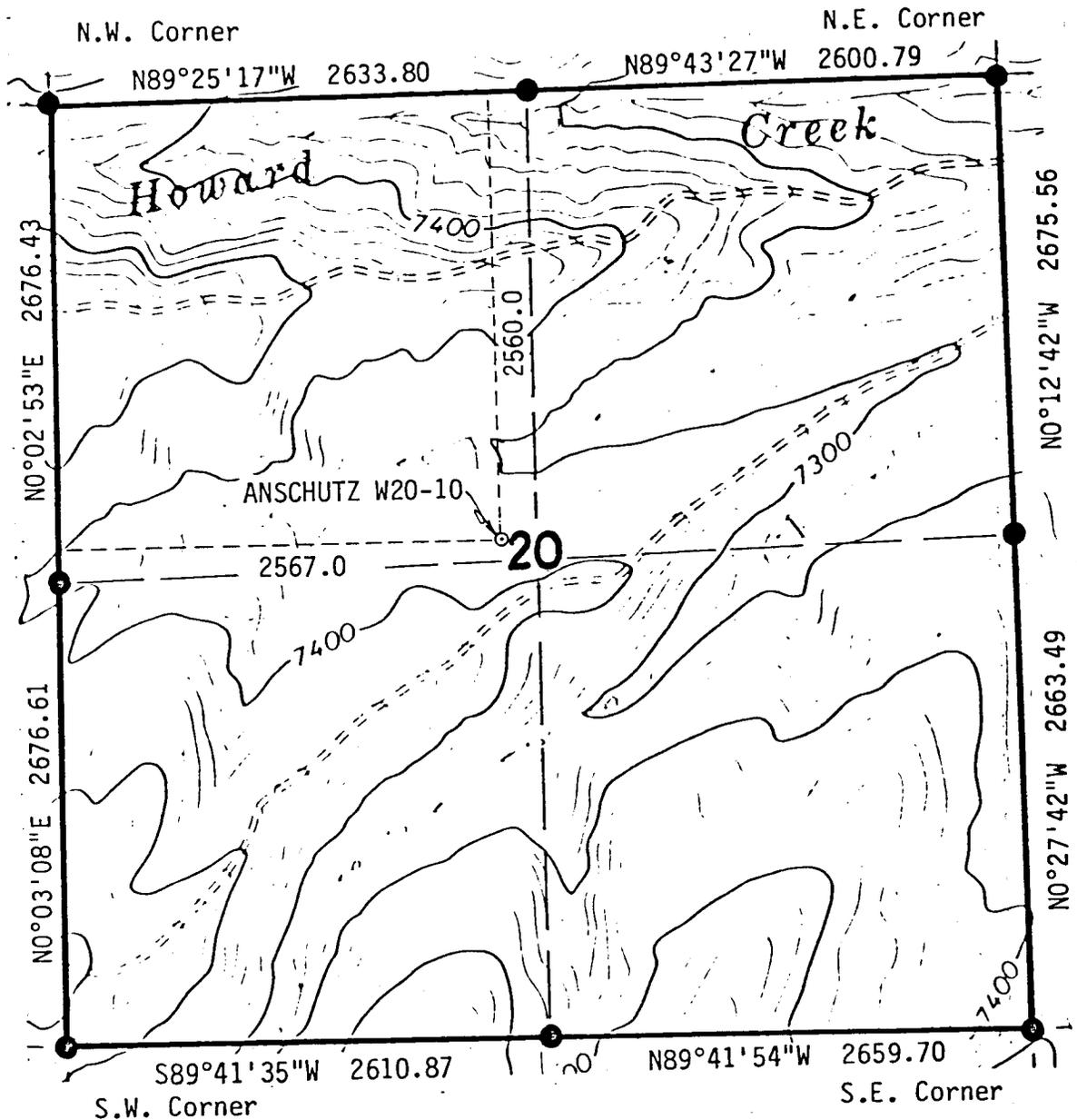
0-4650"	Spud Mud	Minimum properties to maintain stable wellbore. Sweeps as necessary for adequate hole cleaning.
4650-10700	Sat Salt	Minimum properties to maintain stable wellbore.
10700-12100'	Fresh Water	Sweeps as needed to clean hole
12100-TD	LSND	Properties as needed to eliminate differential sticking.

6) Logging Program:

DIL-DLL-GR	Base of Salt to TD
BHC-Sonic-GR-CAL	Base of Salt to TD
HDT-Cyberdip	Surface to TD
FDC-CNL-GR-CAL	Base of Salt to TD
Gyro Directional	Surface to TD

7) No abnormal pressures, temperatures, or hydrogen sulfide gas is anticipated.

Section 20, Township 4 North, Range 3 East



GRID NORTH

3" ALUMINUM CAP

HUB & TACK

THETA ANGLE AT S.W. CORNER +00°16'52"

SCALE: 1" = 1000'

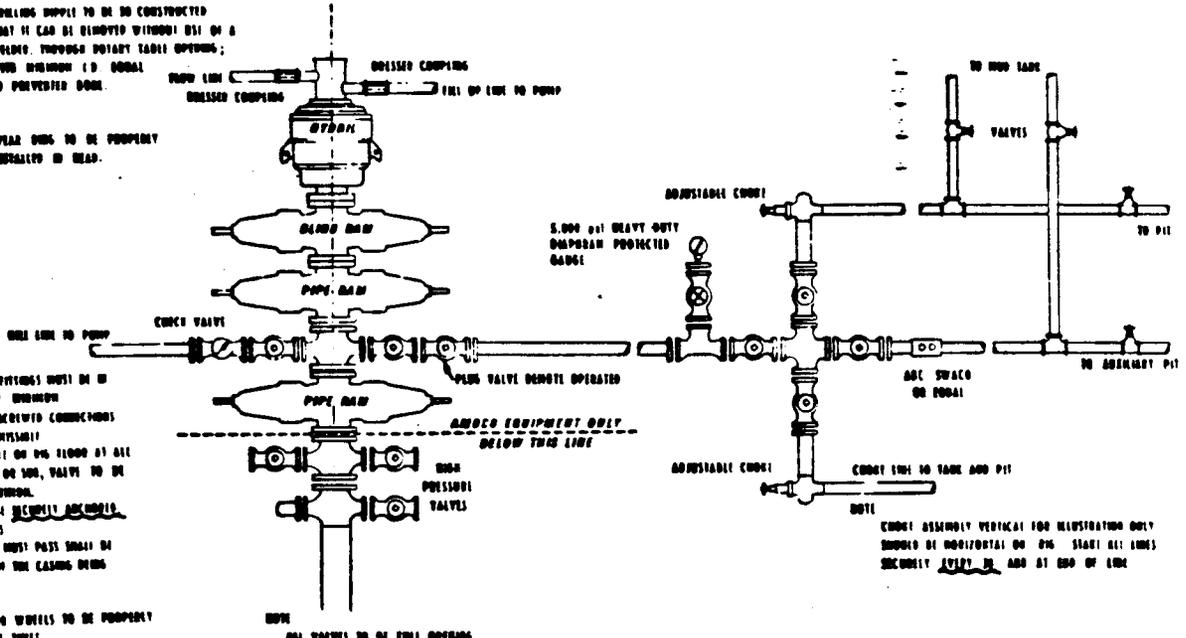
I, Loyal D. Olson, III of Evanston, Wyoming, do hereby certify that in

**EXHIBIT DOP-5000**  
**MINIMUM BLOW-OUT PREVENTER REQUIREMENTS**  
**5,000 psi W.P.**

**NOTE**

1 BOLLING SHIPLEY TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING; WITH THROUGH I.D. EQUAL TO PREVENTER BODY.

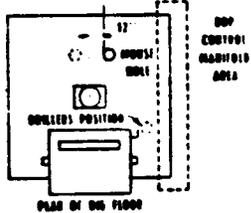
2 WELLS TO BE PROPERLY INSTALLED IN HEAD.



**NOTE**

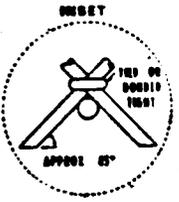
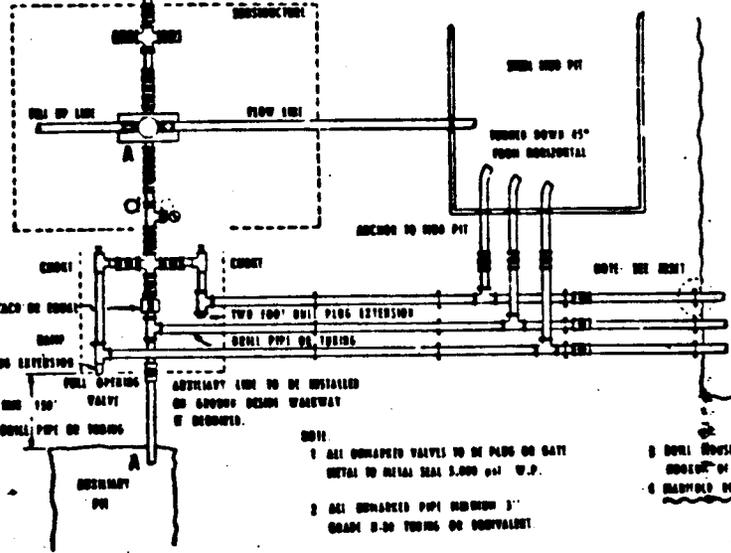
- 1 BLOW OUT PREVENTERS AND ALL FITTINGS MUST BE IN GOOD CONDITION 5,000 psi W.P. MINIMUM
- 2 ALL FITTINGS TO BE FLANGED, SCREWED CONNECTIONS DOWNSTREAM FROM CORNER PERMISSIBLE
- 3 SAFETY VALVE MUST BE AVAILABLE ON THE FLOOR AT ALL TIMES WITH PROPER CONNECTION OR LINES, VALVE TO BE FULL BODY 5,000 psi W.P. MINIMUM.
- 4 ALL CORNER AND WELL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CORNER LINES
- 5 EQUIPMENT THROUGH WHICH OIL MUST PASS SHALL BE AS LEAST AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH
- 6 WELL COCK ON WELL
- 7 EXTENSION WINDCHES AND MAIN WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES
- 8 THE FLOOR BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO BOLLING POSITION AS FEASIBLE
- 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE AN GALLON ACCUMULATOR TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION. MEET ALL MAKE SPECIFICATIONS

**NOTE**  
ALL VALVES TO BE FULL OPERATOR



**NOTE**

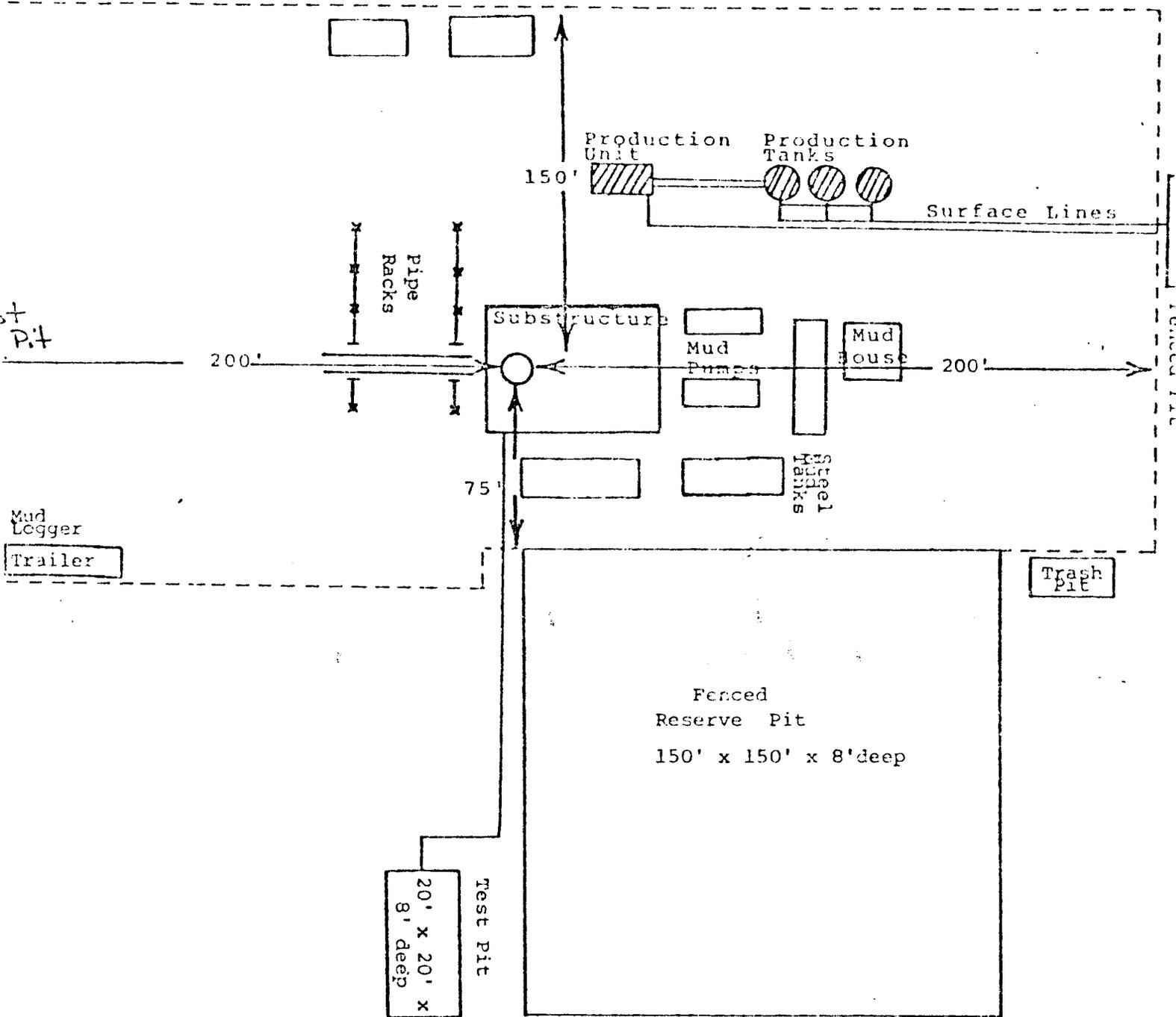
DIRECTION OF HANDFOLD RUN A-B OPTIONAL WITHIN 90° ARC AS SHOWN BELOW



- NOTE**
- 1 ALL UNPACKED VALVES TO BE PLUGS OR GATE INITIAL TO METAL SEAL 5,000 psi W.P.
  - 2 ALL UNPACKED PIPE MINIMUM 3" GRADE 8-30 TUBING OR EQUIVALENT

- 3 BOLLING SHIPLEY SHALL BE 12" OPI COVERED W/ INSIDE OF CORNER AND HANDFOLD IS BOLLING DAMP
- 4 HANDFOLD RUN A-B TO BE STRAIGHT THROUGH RUN

**Amoco Production Company**  
**STANDARD ASSEMBLY FOR FLUID**  
**OPERATED TRIPLE BLOW-OUT PREVENTER**  
**5,000 psi W.P.**



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

--- Dotted lines indicated perimeter of leveled location.

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

TYPICAL  
LOCATION  
LAYOUT

AMOCO PRODUCTION COMPANY  
P. O. Box 17675  
SALT LAKE CITY, UTAH 84117

EXHIBIT "D"



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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

April 15, 1983

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

RE: Well No. Anschutz Ranch East #W20-10  
SENW Sec. 20, T.4N, R.8E  
2560' FNL, 2567' FWL  
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

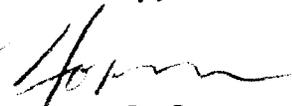
RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

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

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

The API number assigned to this well is 43-043-30229.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
Enclosure

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: W-20-10

SECTION: 20 TOWNSHIP 4N RANGE 8E COUNTY: Summit

DRILLING CONTRACTOR: Exeter

RIG # 56

BOP TEST: DATE: 6-14-83

TIME: 4:00 PM

DRILLING: \_\_\_\_\_

CASING: \_\_\_\_\_

H<sub>2</sub>S: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REPORTED BY: Doug Grinolds

TELEPHONE NO. 307-279-9415

DATE: 6-14-83 SIGNED AS



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

June 21, 1983

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

Re: Well No. ARE # W20-10  
Sec. 20, T. 4N, R. 8E.  
Summit County, Utah

Gentlemen:

On June 14, 1983, this office received a BOP test reported by Doug Grinolds. Receiving this lets this office know that this well has been drilled; however, this office has not received any notification of spudding or the required monthly drilling reports on the above subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above matter will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

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

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2567'FWL & 2560' FNL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30229	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7381.2GR	9. WELL NO. #20-10
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.20, T4N R8E.
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

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

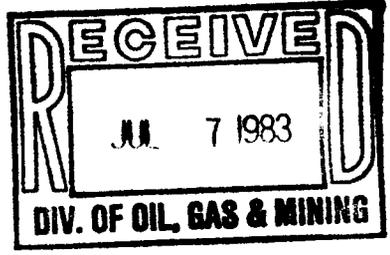
Spud date: 5-27-83

Drilling Company: Exeter #56

Current Operations on 6-20-83:

TD: 5946 FT.

Drilling ahead in Aspen Formation w/ 12.25" bit.



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

SIGNED Larry 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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2567' FWL & 2560' FNL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30229	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7381.2 GR	9. WELL NO. #W20-10
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

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

Date: July 15, 1983  
Current TD: 8847' Gannet Formation  
Drilling ahead with 1225" Bit



18. I hereby certify that the foregoing is true and correct  
SIGNED Larry L. Smith TITLE Staff Admin. Analyst (SG) DATE 7/25/83

(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

**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 DRAWER 829		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 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 2567' FWL & 2560' FNL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30229	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7381.2 GR	9. WELL NO. #20-10
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 20, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

August 24, 1983  
Current TD: 12,512'  
Drilling ahead in Nugget formation with 8.5" bit.

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

SIGNED R.J. Weber 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:

ENCLOSURES TO STATE FOR ANSCHUTZ RANCH EAST W20-10

	No. Copies
1. Sub Surface Directional Survey 9/29/83	2
2. Final Mud Logs from Edwards Logging	2
3. Micro Log 9/3/83	1
4. Dual Water System 9/12/83	2
5. Sonic Wave Form 9/3/83	1
6. Bore Hole Compensated Sonic Log 8/31/83	1
7. Compensated Neutron Formation Density 9/1/83	1
8. Dual Induction SFL 8/31/83	1
9. Borehole Compensated Sonic Log 8/6/83	1

RECEIVED  
13 SEP 1983

DIVISION OF  
OIL, GAS & MINING



**REPORT**  
*of*  
**SUB-SURFACE**  
**DIRECTIONAL**  
**SURVEY**

RECEIVED  
SEP 29 1983

DIVISION OF  
GAS & MINING

AMOCO PRODUCTION COMPANY  
COMPANY

ANSCHUTZ RANCH EAST 20-10  
WELL NAME

SUMMIT COUNTY, UTAH  
LOCATION

JOB NUMBER  
RM983 A1048

TYPE OF SURVEY  
SEEKER GYRO

DATE  
29-SEP-83

SURVEY BY  
STEVEN STURGEN

OFFICE  
RM 410

AMOCO PRODUCTION COMPANY

SEEKER GYRO

WELL NAME: ANSCHÜTZ RANCH EAST 20-10

LOCATION: SUMMIT COUNTY, UTAH

FILE NO.: A2-366

RUN DATE: 26-SEP-83

JOB NO.: RM983 A1048

TYPE: SEEKER GYRO SURVEY

SURVEYOR: STEVEN STURGEN

DECLINATION: 15 EAST

LATITUDE: 41.25

COMPUTER OPERATOR: ANN HEBERLEIN

TOOL NO.: EW0108

RIG NO.: CHAPPAREL NO. 1

VERTICAL SECTION CALCULATED IN PLANE OF BOTTOM HOLE CLOSURE



RECORD OF SURVEY COMPANY

RADIUS OF CURVATURE METHOD

AMOCO PRODUCTION COMPANY  
 WELL NAME: ANSCHUTZ RANCH EAST 20-10  
 LOCATION: SUMMIT COUNTY, UTAH

SEEKER GYRO

COMPUTATION  
 TIME DATE  
 13:38:47 29-SEP-83

PAGE NO. 1

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE		RECTANGULAR COORDINATES FEET	DOGLED SEVERITY DG/100FT
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET		
0.00	0 0	0 0	0.0	0.00	0.00	0.00 0.00	0.00
100.00	0 12	S 33 21 W	100.0	100.00	0.02	0.15 S 0.10 W	0.21
200.00	0 15	S 2 12 W	100.0	200.00	0.17	0.54 S 0.22 W	0.13
300.00	0 10	S 7 6 W	100.0	300.00	0.39	0.92 S 0.25 W	0.08
400.00	0 8	S 27 39 W	100.0	400.00	0.51	1.20 S 0.34 W	0.07
500.00	0 17	S 33 3 W	100.0	500.00	0.57	1.53 S 0.54 W	0.15
600.00	0 21	S 26 59 W	100.0	600.00	0.66	2.02 S 0.82 W	0.08
700.00	0 23	S 25 42 W	100.0	699.99	0.82	2.63 S 1.12 W	0.03
800.00	0 23	S 26 30 W	100.0	799.99	0.98	3.24 S 1.42 W	0.01
900.00	0 25	S 11 37 W	100.0	899.99	1.23	3.91 S 1.65 W	0.11
1000.00	0 22	S 21 17 W	100.0	999.99	1.50	4.57 S 1.84 W	0.09
1100.00	0 22	S 19 29 W	100.0	1099.98	1.72	5.17 S 2.07 W	0.01
1200.00	0 23	S 14 12 W	100.0	1199.98	1.98	5.81 S 2.26 W	0.04
1300.00	0 20	S 16 26 W	100.0	1299.98	2.24	6.43 S 2.43 W	0.04
1400.00	0 23	S 19 0 W	100.0	1399.98	2.49	7.05 S 2.63 W	0.05
1500.00	0 19	S 15 46 W	100.0	1499.98	2.72	7.64 S 2.82 W	0.07
1600.00	0 26	S 6 35 W	100.0	1599.97	3.04	8.30 S 2.94 W	0.13
1700.00	0 31	S 13 43 E	100.0	1699.97	3.62	9.14 S 2.89 W	0.19
1800.00	0 37	S 18 29 E	100.0	1799.96	4.45	10.10 S 2.61 W	0.12
1900.00	0 37	S 16 29 E	100.0	1899.96	5.36	11.14 S 2.29 W	0.02
2000.00	0 58	S 36 57 E	100.0	1999.95	6.63	12.38 S 1.66 W	0.45
2100.00	1 37	S 43 7 E	100.0	2099.92	8.86	14.11 S 0.21 W	0.66
2200.00	1 59	S 43 53 E	100.0	2199.87	11.99	16.40 S 1.97 E	0.38
2300.00	2 22	S 46 29 E	100.0	2299.80	15.79	19.08 S 4.67 E	0.39
2400.00	2 24	S 48 5 E	100.0	2399.71	19.95	21.91 S 7.73 E	0.08
2500.00	2 28	S 46 33 E	100.0	2499.62	24.21	24.80 S 10.87 E	0.09
2600.00	2 26	S 44 22 E	100.0	2599.53	28.48	27.81 S 13.92 E	0.10
2700.00	2 21	S 42 13 E	100.0	2699.44	32.64	30.85 S 16.79 E	0.11
2800.00	2 25	S 39 13 E	100.0	2799.36	36.75	34.01 S 19.51 E	0.14
2900.00	2 30	S 39 22 E	100.0	2899.26	40.97	37.34 S 22.24 E	0.08

**Instan Whipstock**  
 PETROLANE COMPANY

AMOCO PRODUCTION COMPANY  
 WELL NAME: ANSCHUTZ RANCH EAST 20-10  
 LOCATION: SUMMIT COUNTY, UTAH

SEEKER GYRO

COMPUTATION  
 TIME DATE  
 13:38:47 29-SEP-83

PAGE NO. 2

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET		DOGLEG SEVERITY DG/100FT
3000.00	2 49	S 41 27 E	100.0	2999.15	45.55	40.88 S	25.25 E	0.33
3100.00	3 13	S 48 13 E	100.0	3099.01	50.81	44.62 S	28.98 E	0.54
3200.00	3 39	S 54 40 E	100.0	3198.83	56.81	48.37 S	33.67 E	0.57
3300.00	3 54	S 56 41 E	100.0	3298.62	63.37	52.08 S	39.11 E	0.28
3400.00	4 9	S 60 56 E	100.0	3398.37	70.33	55.72 S	45.13 E	0.40
3500.00	4 26	S 60 22 E	100.0	3498.09	77.71	59.40 S	51.67 E	0.28
3600.00	4 35	S 61 2 E	100.0	3597.78	85.45	63.25 S	58.54 E	0.16
3700.00	4 36	S 61 19 E	100.0	3697.45	93.36	67.14 S	65.60 E	0.03
3800.00	4 40	S 58 25 E	100.0	3797.12	101.33	71.19 S	72.59 E	0.24
3900.00	4 13	S 59 20 E	100.0	3896.82	109.00	75.20 S	79.23 E	0.47
4000.00	3 25	S 61 6 E	100.0	3996.60	115.56	78.51 S	85.01 E	0.80
4100.00	3 20	S 63 19 E	100.0	4096.43	121.33	81.26 S	90.23 E	0.15
4200.00	3 17	S 64 17 E	100.0	4196.26	126.94	83.80 S	95.41 E	0.08
4300.00	3 25	S 66 29 E	100.0	4296.07	132.60	86.24 S	100.74 E	0.19
4400.00	3 13	S 65 48 E	100.0	4395.92	138.18	88.59 S	106.04 E	0.22
4500.00	3 16	S 64 7 E	100.0	4495.76	143.65	90.98 S	111.17 E	0.11
4600.00	3 0	S 61 33 E	100.0	4595.61	148.99	93.48 S	116.04 E	0.30
4700.00	2 53	S 60 33 E	100.0	4695.48	154.03	95.96 S	120.53 E	0.13
4800.00	2 57	S 57 25 E	100.0	4795.35	159.07	98.59 S	124.90 E	0.18
4900.00	2 27	S 49 43 E	100.0	4895.23	163.79	101.39 S	128.70 E	0.62
5000.00	2 21	S 43 15 E	100.0	4995.15	167.97	104.28 S	131.74 E	0.29
5100.00	2 36	S 45 53 E	100.0	5095.05	172.28	107.37 S	134.78 E	0.28
5200.00	2 45	S 46 43 E	100.0	5194.94	176.96	110.61 S	138.17 E	0.16
5300.00	2 47	S 42 48 E	100.0	5294.82	181.77	114.04 S	141.57 E	0.19
5400.00	2 33	S 42 38 E	100.0	5394.72	186.40	117.47 S	144.74 E	0.23
5500.00	2 30	S 45 36 E	100.0	5494.62	190.80	120.65 S	147.83 E	0.14
5600.00	2 12	S 43 57 E	100.0	5594.53	194.91	123.57 S	150.73 E	0.31
5700.00	1 56	S 46 11 E	100.0	5694.47	198.51	126.13 S	153.30 E	0.28
5800.00	2 1	S 46 35 E	100.0	5794.41	201.97	128.52 S	155.80 E	0.09
5900.00	2 0	S 42 51 E	100.0	5894.34	205.47	131.02 S	158.28 E	0.13

**Whipstock**  
 ETROLANE

AMOCO PRODUCTION COMPANY  
 WELL NAME: ANSCHUTZ RANCH EAST 20-10  
 LOCATION: SUMMIT COUNTY, UTAH

SEEKER GYRO

COMPUTATION  
 TIME DATE  
 13:38:47 29-SEP-83

PAGE NO. 3

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE		RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET	COORDINATES FEET		
6000.00	2 3	S 47 3 E	100.0	5994.28	209.02	133.54 S	160.80 E	0.16
6100.00	2 5	S 45 54 E	100.0	6094.22	212.63	136.03 S	163.42 E	0.05
6200.00	2 8	S 43 28 E	100.0	6194.15	216.31	138.66 S	166.02 E	0.11
6300.00	2 9	S 44 12 E	100.0	6294.08	220.05	141.38 S	168.63 E	0.03
6400.00	1 55	S 49 59 E	100.0	6394.01	223.61	143.80 S	171.24 E	0.31
6500.00	1 24	S 51 25 E	100.0	6493.97	226.52	145.64 S	173.49 E	0.51
6600.00	1 26	S 54 50 E	100.0	6593.94	229.01	147.14 S	175.48 E	0.09
6700.00	1 19	S 50 58 E	100.0	6693.91	231.41	148.59 S	177.41 E	0.15
6800.00	1 17	S 60 24 E	100.0	6793.89	233.68	149.88 S	179.29 E	0.22
6900.00	1 13	S 52 27 E	100.0	6893.86	235.86	151.09 S	181.11 E	0.19
7000.00	1 11	S 58 57 E	100.0	6993.84	237.96	152.28 S	182.85 E	0.14
7100.00	0 56	S 56 46 E	100.0	7093.82	239.81	153.27 S	184.44 E	0.25
7200.00	1 3	S 63 55 E	100.0	7193.81	241.53	154.13 S	185.95 E	0.16
7300.00	0 52	S 66 35 E	100.0	7293.79	243.16	154.84 S	187.49 E	0.18
7400.00	0 50	S 62 55 E	100.0	7393.78	244.62	155.48 S	188.85 E	0.07
7500.00	0 54	S 56 11 E	100.0	7493.77	246.11	156.25 S	190.15 E	0.13
7600.00	0 49	S 65 36 E	100.0	7593.76	247.59	156.98 S	191.47 E	0.17
7700.00	0 48	S 60 42 E	100.0	7693.75	248.95	157.61 S	192.72 E	0.07
7800.00	0 45	S 60 42 E	100.0	7793.74	250.30	158.28 S	193.91 E	0.04
7900.00	0 41	S 63 20 E	100.0	7893.73	251.54	158.88 S	195.03 E	0.07
8000.00	0 36	S 73 23 E	100.0	7993.72	252.62	159.29 S	196.08 E	0.15
8100.00	0 32	S 73 15 E	100.0	8093.72	253.55	159.58 S	197.05 E	0.05
8200.00	0 30	S 68 42 E	100.0	8193.71	254.40	159.88 S	197.91 E	0.06
8300.00	0 37	S 66 21 E	100.0	8293.71	255.35	160.26 S	198.84 E	0.12
8400.00	0 44	S 74 33 E	100.0	8393.70	256.48	160.66 S	199.97 E	0.15
8500.00	0 39	S 72 58 E	100.0	8493.70	257.61	161.01 S	201.15 E	0.08
8600.00	1 2	S 69 46 E	100.0	8593.68	258.99	161.48 S	202.56 E	0.37
8700.00	1 40	S 68 39 E	100.0	8693.66	261.23	162.32 S	204.77 E	0.64
8800.00	1 54	S 71 46 E	100.0	8793.61	264.17	163.38 S	207.71 E	0.25
8900.00	1 57	S 72 55 E	100.0	8893.55	267.30	164.40 S	210.93 E	0.07

**Whipstock**  
 INSTANTANEOUS  
 ETROLANE

AMOCO PRODUCTION COMPANY  
 WELL NAME: ANSCHUTZ RANCH EAST 20-10  
 LOCATION: SUMMIT COUNTY, UTAH

SEEKER GYRO

COMPUTATION  
 TIME DATE  
 13:38:47 29-SEP-83

PAGE NO. 4

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE		RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET	COORDINATES FEET		
9000.00	2 4	S 70 42 E	100.0	8993.49	270.56	165.50 S	214.26 E	0.13
9100.00	2 14	S 66 16 E	100.0	9093.42	274.14	166.88 S	217.77 E	0.25
9200.00	2 23	S 63 24 E	100.0	9193.33	278.06	168.60 S	221.43 E	0.19
9300.00	2 35	S 62 30 E	100.0	9293.24	282.30	170.58 S	225.30 E	0.20
9400.00	2 54	S 52 23 E	100.0	9393.13	287.06	173.16 S	229.34 E	0.59
9500.00	3 28	S 50 4 E	100.0	9492.97	292.63	176.65 S	233.69 E	0.57
9600.00	3 47	S 49 10 E	100.0	9592.77	298.96	180.75 S	238.51 E	0.32
9700.00	4 2	S 53 17 E	100.0	9692.53	305.79	185.03 S	243.84 E	0.38
9800.00	4 5	S 53 36 E	100.0	9792.28	312.86	189.25 S	249.53 E	0.04
9900.00	4 15	S 55 3 E	100.0	9892.02	320.13	193.49 S	255.45 E	0.21
10000.00	4 22	S 57 27 E	100.0	9991.73	327.62	197.68 S	261.71 E	0.21
10100.00	4 37	S 54 16 E	100.0	10091.42	335.43	202.08 S	268.21 E	0.36
10200.00	4 54	S 54 6 E	100.0	10191.08	343.73	206.95 S	274.95 E	0.29
10300.00	4 23	S 57 14 E	100.0	10290.75	351.81	211.52 S	281.65 E	0.58
10400.00	4 13	S 57 56 E	100.0	10390.46	359.25	215.55 S	287.99 E	0.18
10500.00	3 55	S 61 26 E	100.0	10490.21	366.25	219.13 S	294.12 E	0.39
10600.00	3 11	S 58 6 E	100.0	10590.02	372.37	222.25 S	299.48 E	0.76
10700.00	4 8	S 64 38 E	100.0	10689.81	378.64	225.31 S	305.09 E	1.04
10800.00	5 8	S 61 10 E	100.0	10789.48	386.54	229.00 S	312.29 E	1.03
10900.00	6 16	S 58 24 E	100.0	10888.99	396.34	234.00 S	320.89 E	1.16
11000.00	7 7	S 57 3 E	100.0	10988.30	407.91	240.23 S	330.75 E	0.87
11100.00	7 11	S 54 31 E	100.0	11087.52	420.31	247.23 S	341.06 E	0.32
11200.00	6 29	S 56 51 E	100.0	11186.81	432.17	253.94 S	350.89 E	0.75
11300.00	6 55	S 54 57 E	100.0	11286.13	443.79	260.49 S	360.57 E	0.49
11400.00	8 2	S 49 27 E	100.0	11385.27	456.80	268.47 S	370.85 E	1.32
11500.00	8 30	S 45 46 E	100.0	11484.23	471.17	278.16 S	381.48 E	0.71
11600.00	8 12	S 46 58 E	100.0	11583.17	485.67	288.19 S	392.00 E	0.35
11700.00	7 59	S 48 27 E	100.0	11682.18	499.73	297.66 S	402.41 E	0.30
11800.00	8 45	S 50 50 E	100.0	11781.11	514.29	307.09 S	413.51 E	0.85
11900.00	9 29	S 50 10 E	100.0	11879.84	530.14	317.17 S	425.74 E	0.74

*Wipstock*  
*Wipstock*  
 ETROLANE

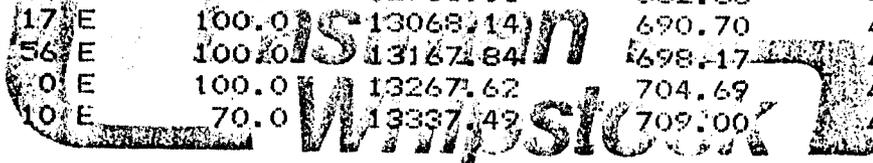
AMOCO PRODUCTION COMPANY  
 WELL NAME: ANSCHUTZ RANCH EAST 20-10  
 LOCATION: SUMMIT COUNTY, UTAH

SEEKER GYRO

COMPUTATION  
 TIME DATE  
 13:38:47 29-SEP-83

PAGE NO. 5

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE		RECTANGULAR		DOGLEG SEVERITY DG/100FT
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET	COORDINATES FEET		
12000.00	9 40	S 47 42 E	100.0	11978.45	546.78	328.10 S	438.29 E	0.45
12100.00	9 47	S 47 52 E	100.0	12077.01	563.67	339.46 S	450.81 E	0.13
12200.00	9 11	S 45 22 E	100.0	12175.64	580.13	350.79 S	462.80 E	0.73
12300.00	9 25	S 43 45 E	100.0	12274.32	596.23	362.32 S	474.15 E	0.35
12400.00	9 3	S 43 10 E	100.0	12373.02	612.19	373.98 S	485.21 E	0.38
12500.00	8 24	S 42 33 E	100.0	12471.86	627.25	385.11 S	495.54 E	0.65
12600.00	7 31	S 38 31 E	100.0	12570.89	640.91	395.64 S	504.55 E	1.05
12700.00	6 52	S 34 21 E	100.0	12670.10	653.09	405.73 S	512.00 E	0.83
12800.00	5 59	S 30 22 E	100.0	12769.47	663.74	415.19 S	517.99 E	1.00
12900.00	5 39	S 31 11 E	100.0	12868.96	673.30	423.90 S	523.18 E	0.34
13000.00	5 9	S 36 51 E	100.0	12968.51	682.35	431.71 S	528.46 E	0.73
13100.00	4 44	S 34 17 E	100.0	13068.14	690.70	438.73 S	533.47 E	0.48
13200.00	4 5	S 38 56 E	100.0	13167.84	698.17	444.90 S	538.06 E	0.74
13300.00	3 30	S 41 0 E	100.0	13267.62	704.69	449.98 S	542.32 E	0.60
13370.00	3 39	S 41 10 E	70.0	13337.42	709.00	453.27 S	545.19 E	0.22



A PETROLANE COMPANY

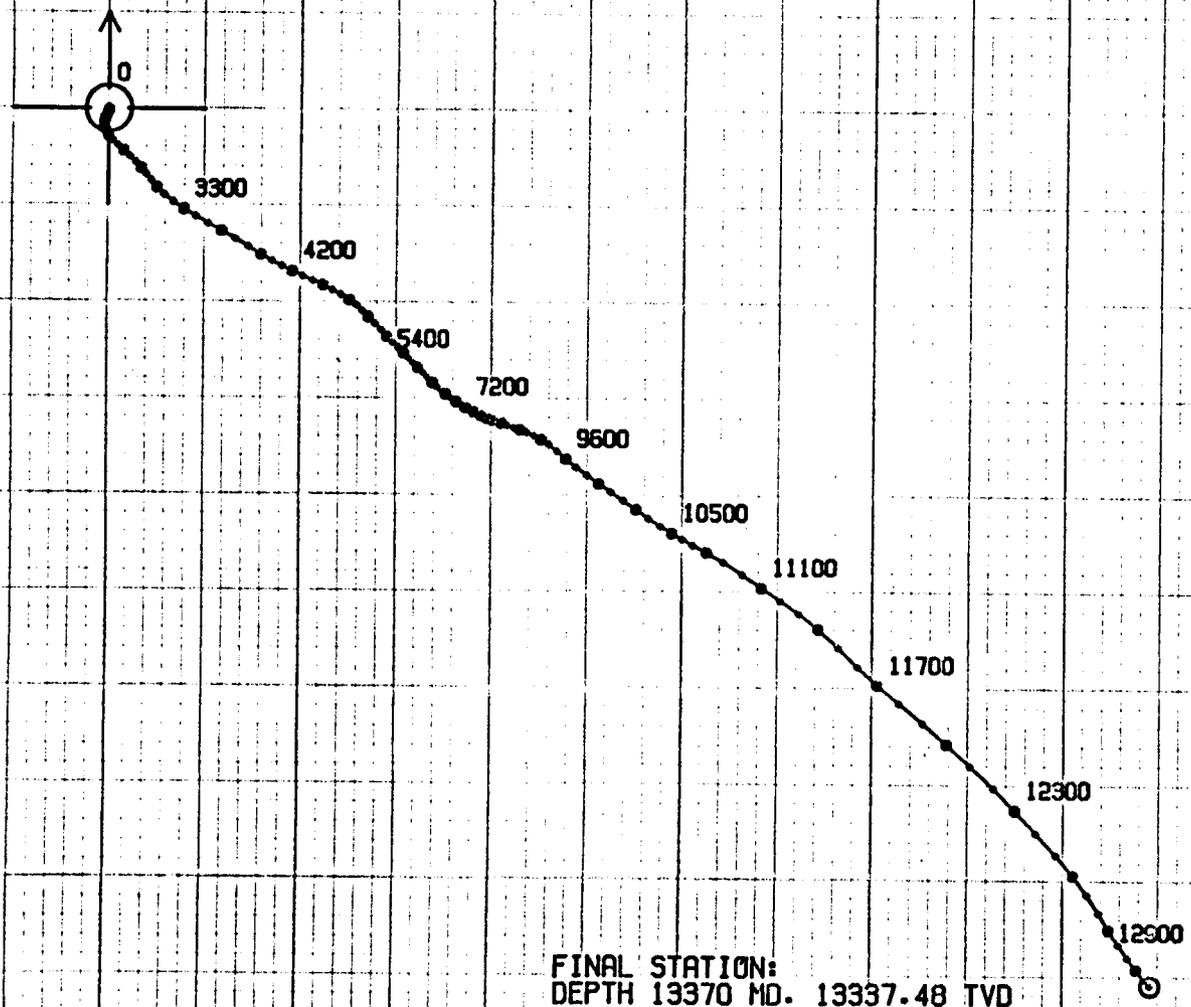
FINAL CLOSURE - DIRECTION: S 50 DEGS 16 MINS E  
 DISTANCE: 709.00 FEET

AMOCO PRODUCTION COMPANY  
WELL NAME: ANSCHUTZ RANCH EAST 20-10  
LOCATION: SUMMIT COUNTY, UTAH

EASTMAN WHIPSTOCK, INC.

### HORIZONTAL PROJECTION

SCALE 1 IN. = 100 FEET  
DEPTH INDICATOR: MD



FINAL STATION:  
DEPTH 13370 MD. 13337.48 TVD  
SOUTH 453.27 EAST 545.18  
CLOSURE 709.00 S 50° 15' 35" E

SUBMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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

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.  
W20-10

10. FIELD AND POOL, OR WILDCAT  
Anschutz Ranch East

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 20, T 4N, R 8E

12. COUNTY OR PARISH  
Summit  
13. STATE  
UT

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)\*  
At surface 2567' FWL, 2560' FNL, Sec. 20, T 4N, R 8E  
At top prod. interval reported below 2115' FWL 2212' FNL  
At total depth 2027' FWL 2103' FNL

DIVISION OF  
SE NW

14. PERMIT NO. 43-043-30229 DATE ISSUED 04-15-83  
15. DATE SPUDDED 05-28-83 16. DATE T.D. REACHED 08-31-83 17. DATE COMPL. (Ready to prod.) 01-05-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* KB 7405' 19. ELEV. CASINGHEAD GL 7381'

20. TOTAL DEPTH, MD & TVD 13500 MD 13457 TVD 21. PLUG, BACK T.D., MD & TVD 13379 MD 13346 TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY Surface to TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Nugget Sandstone MD 12412 - 13270' TVD 12385 - 13238'

25. WAS DIRECTIONAL SURVEY MADE Surface to 13370'

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, BHC, DIL, CBL, Dipmeter, Microlog 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-5/8	68.73	5104	17-1/2	500 sxs. A	None
9-5/8	63	10709	12-1/4	1225 sxs. G	None
7	32	13500	8-1/4	953 sxs. A & LP Bubbles	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2	12340	12309

31. PERFORATION RECORD (Interval, size and number)

12412-12476,	12487-12528,	All 4 SPF
12542-12572,	12585-12656,	
12698-12758,	12796-12822,	
12866-12932,	12948-12964,	
12998-13022,	13060-13100,	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13171-13208	2275 gal. 7-1/2% HCI
12866-13100	11500 gal. 7-1/2% HCI
13228-13270	2400 gal. 7-1/2% HCI

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-03-83	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-31-83	24	44/64	→	1848	9000	2	4870

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1750	0	→	1848	9000	2	68

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED W.R. Johnson TITLE Dist. Drilling Superintendent DATE 012784

\*(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 38, 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.)

NO CORES

NO DST

FORMATION	TOP	BOTTOM	38. GEOLOGIC MARKERS	
DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	AND ALL DRILL-STEM TESTS, INCLUDING	DESCRIPTION, CONTENTS, ETC.	NAME	
			MEAS. DEPTH	
			TOP	
			TRUE VERT. DEPTH	
			5148	5143
			6114	6407
			9356	9349
			10475	10466
			10546	10536
			10612	10602
			12144	12121
			13293	13267
			Bear River	
			Gannet	
			Preuss	
			Salt Top	
			Salt Base	
			Twin Creek	
			Nuggett	
			Ankareh	

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

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 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 2567' FWL & 2560' FNL		8. FARM OR LEASE NAME W20-10																				
14. PERMIT NO. 43-043-30229	15. ELEVATIONS (Show whether SP, ST, OR, etc.) 7405' KB 7381' GL	9. WELL NO. W20-10																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDISE <input checked="" type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDISING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input checked="" type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDISE <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"/>	11. SEC., T., R., M., OR B.L.E. AND SURVEY OR A.B.S.A. Sec. 20, T7N, R8E
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																				
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																			
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																			
SHOOT OR ACIDISE <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"/>																			
		12. COUNTY OR PARISH Summit																				
		13. STATE Utah																				

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

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

To Improve Sweep

Perforate:            12,163' - 12,184'  
                           12,188' - 12,194'  
                           12,218' - 12,230'  
                           12,256' - 12,332'  
                           12,343' - 12,378'

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 5/17/85  
BY: John R. Dayer

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

SIGNED Van E. Prater TITLE District Engineer DATE 5/8/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



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
W16-00 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
<del>W17-1216?</del>	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	? <u>NWNE</u> , Sec 1, T3N, R7E
W02-10	43-043-30265	<u>NWSE</u> , Sec 2, T3N, R7E
W16-14	43-043-30096	<u>NWSW</u> , Sec 16, T4N, R8E
W19-08	43-043-30272	<u>SENE</u> , Sec 19, T4N, R8E
W20-08	43-043-30212 ? 30123	<u>SWNW</u> , Sec 20, T4N, R8E
W20-14	43-043-30145	<u>NWSW</u> , Sec 20, T4N, R8E
W29-02	43-043-30220 ? 30136	<u>NWNE</u> , Sec 29, T4N, R8E
W29-12	43-043-30154	<u>NWSW</u> , Sec 29, T4N, R8E
W30-02	43-043-95014 ? 30218	<u>NWNE</u> , Sec 30, T4N, R8E
W30-12A	43-043-30248 ? 30230	<u>NWSW</u> , Sec 30, T4N, R8E
W30-15	43-043-95012 ? 30216 ?	<u>NWNE</u> , Sec 30, T4N, R8E
W36-08	43-043-30167	<u>SENE</u> , Sec 36, T4N, R7E
W36-14	43-043-30255	<u>SESW</u> , Sec 36, T4N, R7E

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

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

Thank you,



R. M. Ramsey  
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

STATE OF UTAH  
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.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> FEE
<b>2. NAME OF OPERATOR</b> Amoco Production Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>3. ADDRESS OF OPERATOR</b> P.O. Box 800 Room 1872 Denver, CO 80201		<b>7. UNIT AGREEMENT NAME</b> Anschutz Ranch East
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</b>  2561' FNL x 2567' FWL		<b>8. FARM OR LEASE NAME</b> Anschutz Ranch East
<b>14. PERMIT NO.</b> 43-043-30229		<b>9. WELL NO.</b> W20-10
<b>15. ELEVATIONS (Show whether DF, RT, CR, etc.)</b>		<b>10. FIELD AND POOL, OR WILDCAT</b> Nugget
		<b>11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA</b> Sec 20 T4N-R8E
		<b>12. COUNTY OR PARISH</b> Summit
		<b>13. STATE</b> Utah

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

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

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

Amoco Production Company pulled the 3 1/2" tubing out of the subject well and replaced it with 4 1/2" tubing. The well was then placed back on production on 12/12/92.

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

**RECEIVED**  
 JAN 25 1993  
 DIVISION OF  
 OIL GAS & MINING

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

SIGNED Raelene K. Krcil TITLE Permitting Representative DATE 1/22/93

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
FREE

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

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

7. Unit Agreement Name:

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
Anschutz Ranch East W20-10

2. Name of Operator:  
Amoco Production Company

9. API Well Number:  
43-043-30229

3. Address and Telephone Number:  
P.O. Box 800 Room 1735E Denver, CO 80201

10. Field and Pool, or Wildcat:

4. Location of Well  
Footages: 2567' FWL x 2560' FNL  
OO, Sec., T., R., M.: Sec 20 T4N-R8E

County: Summit  
State: Utah

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other
- 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 fracture stimulate the subject well using the following procedure:

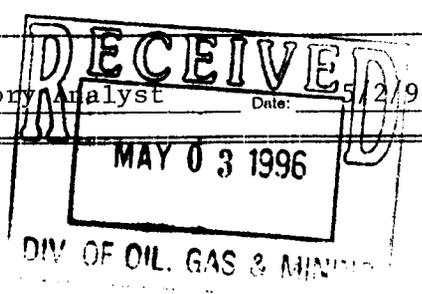
1. Sand back well over zones 2 & 3 to approximately 12,240'.
2. Run a data frac using 300 BBLS of crosslinked fluid across zone 1.
3. Shut well in and review results of data frac.
4. Go back in well for a sand frac using 50,000 lbs 20/40 proppant.
5. Flow well back.
6. Return well to production.

If you require additional information, please contact Felicia Yuen (Project Engineer) @ (303) 830-4859 or Raelene Krcil @ (303) 830-5399.

13. Name & Signature: *Raelene Krcil*

Title: Regulatory Analyst Date: 5/2/96

(This space for State use only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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 W20-10

9. API Well Number:  
43-043-30229

10. Field and Pool, or Wildcat:  
ARE- Nugget

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
Amoco Production Company

3. Address and Telephone Number:  
P.O. Box 800 Room 1735E Denver, CO 80201

4. Location of Well 2567' FWL x 2560' FNL  
Footages:  
QQ, Sec., T., R., M.: Sec 20 T4N-R8E

County: Summit  
State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

**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 performed a fracture stimulation in the nugget formation on the subject well using the following procedure:

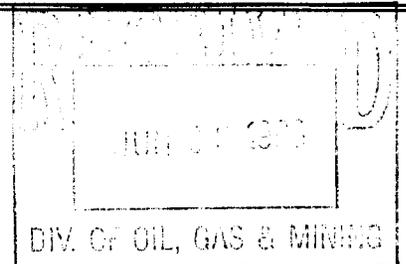
1. Set a sand plug from 12,240'-13,400' to isolate zone 1.
2. Fracture stimulate from 11,944'-12,266' using 59,340 #'s of intermediate strength proppant and a total of 1998 bbls of fluid.
3. CO the sand plug.
4. Return well to production.

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

13. Name & Signature: Raelene K. Krail Title: Regulatory Analyst Date: 5/31/96

(This space for State use only)

NO tax credit review - 6/97, 10/97



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

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ  
 AMOCO ROCMOUNT COMPANY  
 PO BOX 800  
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT  (Highlight Changes)

Well Name API Number    Entity    Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W17-16 4304330176 04540 04N 08E 17	NGSD			Free		
ANSCHUTZ RANCH EAST W30-08 4304330183 04540 04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W30-14 4304330185 04540 04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W01-06 4304330188 04540 03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W31-12 4304330190 04540 04N 08E 31	NGSD			"		
ANSCHUTZ RANCH EAST W19-16 4304330204 04540 04N 08E 19	NGSD			"		
ANSCHUTZ RANCH EAST W30-10 4304330215 04540 04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W31-06 4304330217 04540 04N 08E 31	NGSD			"		
ANSCHUTZ RANCH EAST W20-12 4304330220 04540 04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST E28-06 4304330226 04540 04N 08E 28	NGSD			"		
ANSCHUTZ RANCH EAST W36-10 4304330227 04540 04N 07E 36	NGSD			"		
ANSCHUTZ RANCH EAST W20-02 4304330228 04540 04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W20-10 4304330229 04540 04N 08E 20	NGSD			"		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Date: \_\_\_\_\_

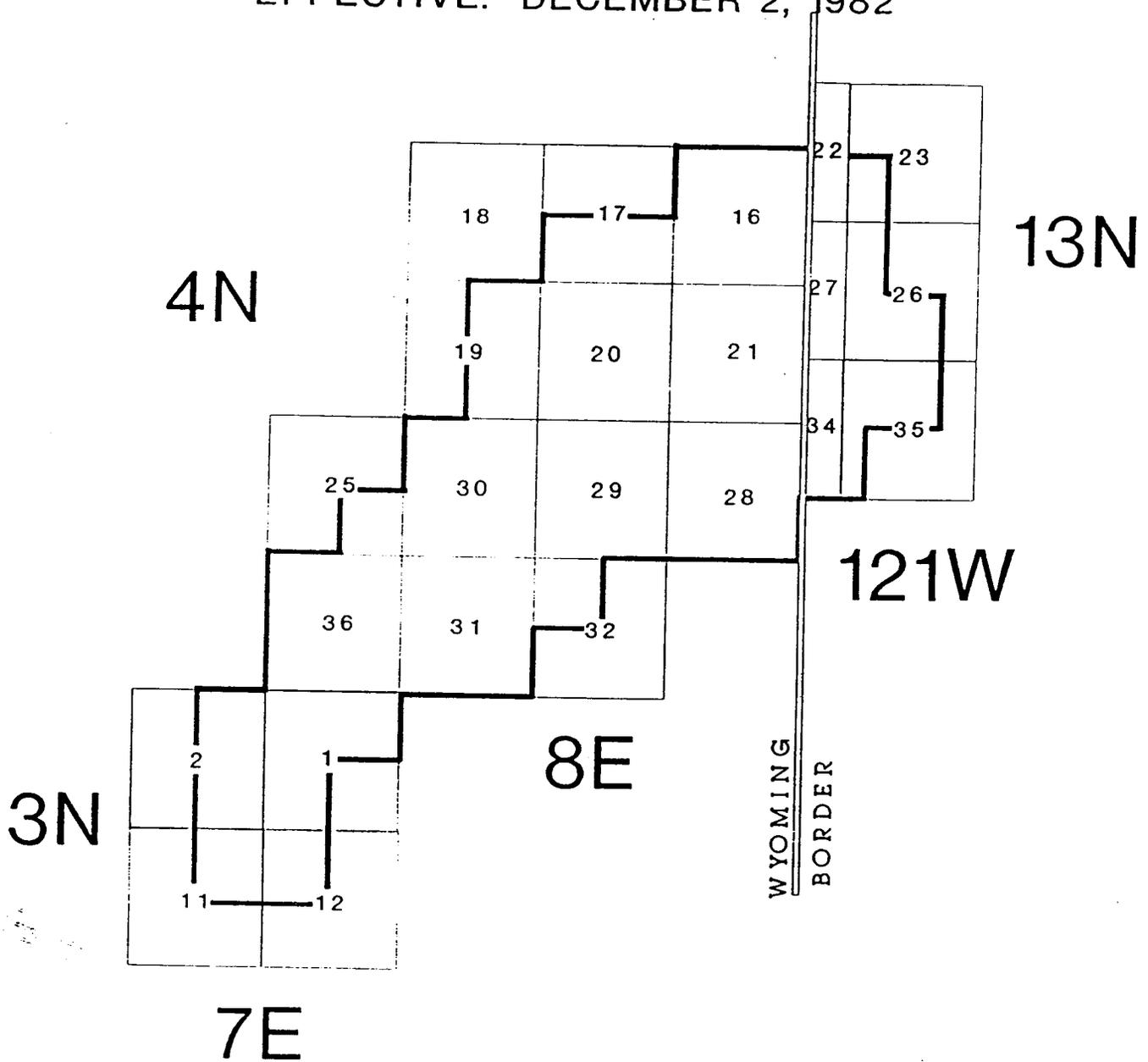
Name and Signature: \_\_\_\_\_

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  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number:
2. Name of Operator: Amoco Production Company		6. If Indian, Allottee or Tribe Name: Anschutz Ranch East
3. Address and Telephone Number: P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781		7. Unit Agreement Name: W20-10
4. Location of Well Footages: 2567' FWL, 2560' FNL		8. Well Name and Number:
OO. Sec., T., R., M.: Sec 20, T4N, R8E		9. API Well Number: 43-043-30229
		10. Field and Pool, or Wildcat: Nugget
		County: Summit State: Utah

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

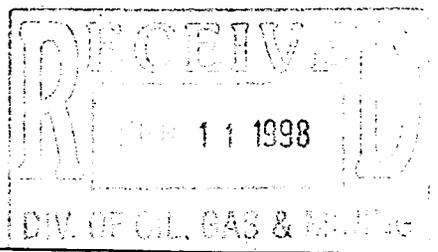
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input checked="" type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<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
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.

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.



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

\* space for State use only

State of Delaware  
Office of the Secretary of State

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

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

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



*Edward J. Freel*

Edward J. Freel, Secretary of State

0934277 8100

950022938

AUTHENTICATION:

7391913

DATE:

01-31-95

*ATTN: Lisha Cordova*

*801-359-3904*

*4 pages*

*Ed Hadlock  
Amoco Prod. Co*

*303-830-4993*

CERTIFICATE OF DISSOLUTION  
OF  
AMOCO ROCMOUNT COMPANY

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

DOES HEREBY CERTIFY:

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

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

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

DIRECTORS

NAMES

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

OFFICERS

NAMES

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

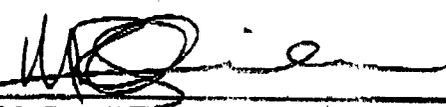
<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
D. H. Welch	Vice President	200 East Randolph Drive Chicago, IL 60601
J. M. Gross	Secretary	501 WestLake Park Blvd. Houston, TX 77079
R. B. Wilson	Assistant Secretary	1670 Broadway Denver, CO 80202
Rebecca Gormezano	Assistant Secretary	200 East Randolph Drive 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 Rebecca S. McGee  
Assistant Secretary

By   
M. R. Gile, Vice President

STATE OF COLORADO    )  
                                   )  
 CITY OF DENVER        )    §§.

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

GIVEN under my hand and official seal this 26<sup>th</sup> day of January, 1995.

Sheryl A. White  
 Notary Public



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

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

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

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

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

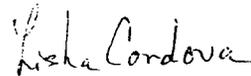
This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association  
Box 1292  
Roosevelt, Utah 84066

Page 3  
G. G. Martinez  
Notification of Sale  
February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

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

Lisha Cordova  
Admin. Analyst, Oil & Gas

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

# OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓
2-GLH ✓	7-KAS ✓
3-FER ✓	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 Operator
- Designation of Agent
- Operator Name Change Only

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

<b>TO:</b> (new operator)	<u>AMOCO PRODUCTION COMPANY</u>	<b>FROM:</b> (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: <b>**SEE ATTACHED**</b>	API: <u>43-043-30229</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

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

**ENTITY REVIEW**

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

**BOND VERIFICATION - (FEE WELLS ONLY)**

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

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

**COMMENTS**

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

\* 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, conduct 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 Serial Number:  
FEE

6. If Casing, Address or Tract Name:  
ANSCHUTZ RANCH EAST

7. Lease Agreement Name:  
ANSCHUTZ RANCH EAST

8. Well Name and Number:  
A.R.E. W 20-10

9. API Well Number:  
4304330229

10. Well and Pool, or Wellhead:  
ANSCHUTZ RANCH EAST

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
AMOCO PRODUCTION COMPANY

3. Address and Telephone Number:  
(PH 281-366-2036)  
501 WESTLAKE PARK BLVD, HOUSTON, TX 77253-3092

4. Location of Well  
Feespan: 2567' FWL X 2,561' FNL  
O.G. Sec., T., R., M.: SECTION: 20 TWP: 4N RGE: 8E

County: SUMMIT  
State: UTAH

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

**NOTICE OF INTENT**  
(Check in Foreman's)

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

Approximate date work will start MAY 10, 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
- Reparforse
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Former results of Multiple Completions and Remediations in other reports on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a company verification sheet.

12. DISCUSS PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data. If well is temporarily closed, give estimated timeline and required test well vertical depth for all meters and zones pertinent to this work.)

FOLLOWING THE SUCCESS OF THE WORKOVER ON W30-08 WE PLAN TO PULL THE COMPLETION ON WELL W20-10.

IN CONJUNCTION WITH THE WORKOVER TO PULL THE COMPLETION A WATERSHUTOFF WILL BE DONE BY SETTING AN INFLATABLE BRIDGE PLUG.

PLEASE SEE THE ATTACHED PROCEDURE.

13.  
Name & Signature: [Signature] Title: PETROLEUM ENGR. Date: 4/12/00

(This space for State use only)

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

Date: 4-12-00

## **Workover Procedure**

### **Anschutz Well No. W20-10**

**Location:** Section 20, T04N-R8E County: Summit State: Utah

**Objective:** Set thru tubing inflatable bridge plug to shutoff water using electric line.  
Pull the tubing string without losing water to the formation with workover rig.

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

***Conduct all pre-workover safety meetings.***

**Water Shutoff Procedure to be completed prior to moving workover rig in.**

- 1.) MIRU Schlumberger electric line unit.
- 2.) Shut in well and shutoff chemical injection (if applicable).
- 3.) Rigup lubricator and pressure test using water.
- 4.) RIH w/appropriate size gauge ring. RIH to 12,800 ft md and POOH.  
DO NOT attempt to tag PBD. Fish in the hole above PBD at 13,322 ft md.
- 5.) RIH w/permanent thru tubing inflatable bridge plug to pass a minimum ID of 2.205" ID and set in 7" liner (32 #/ft)
- 6.) Set TTBP at 12,670 ft md (per CNL/FDC log dated 12/21/82).
- 7.) POOH w/ running tool and pickup dump bailer.
- 8.) Dump bail cement to 12,660 ft md. .
- 9.) POOH. Let well sit overnight to allow cement to fully setup and return well to productive status.
- 10.) Monitor rates / pressures and report to operations engr. Accordingly

#### **Procedure for Pulling Completion**

**NOTE:** Xmas tree is to be completely refurbished and tested. A second valve is to be installed on the wellhead annular outlet while the well is dead

with downhole plugs in place. This is to provide double barrier protection when rigging up lines to the annulus.

1. Rigup workover rig, two tanks (500 bbls each), piping, annulus manifold and pumps for pumping kill weight fluid (water) down the annulus and tubing if necessary. (have xmas tree sent in for complete rebuild).
2. Shut well in and shutoff chemical injection (if applicable)
3. Rig up Schlumberger slick line unit and lubricator. Rig up Nitrogen tanks and pumps. Tie in N2 to pump down the tubing. Pressure test all lines to 3,000 psi for 5 minutes. Pressure test lubricator to 3,000 psi for 5 minutes.
4. RIH with slickline and set plug in the bottom Otis 2.205" "XN" nipple profile at 11,973 ft. RIH and sting in with equalizing prong. Bleed down any pressure in the tubing string to test lower plug and so as to not trap pressure. RIH and set plug in the Otis 2.313" "X" nipple 11,964 ft. RIH and sting in with equalizing prong. Rig down slickline unit.
5. Pickup tubing string approximately 20 ft and sting out of the Baker "SC-2" packer at 11,940 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. Immediately begin pumping down the tubing and up the annulus 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. Rig down N2 equip. (keep on standby).
8. Bleed nitrogen pressure off the annulus. Check the well for flow. Set VR plugs in the annulus as requested.
9. Pull out of hole with the tubing string laying down in singles.

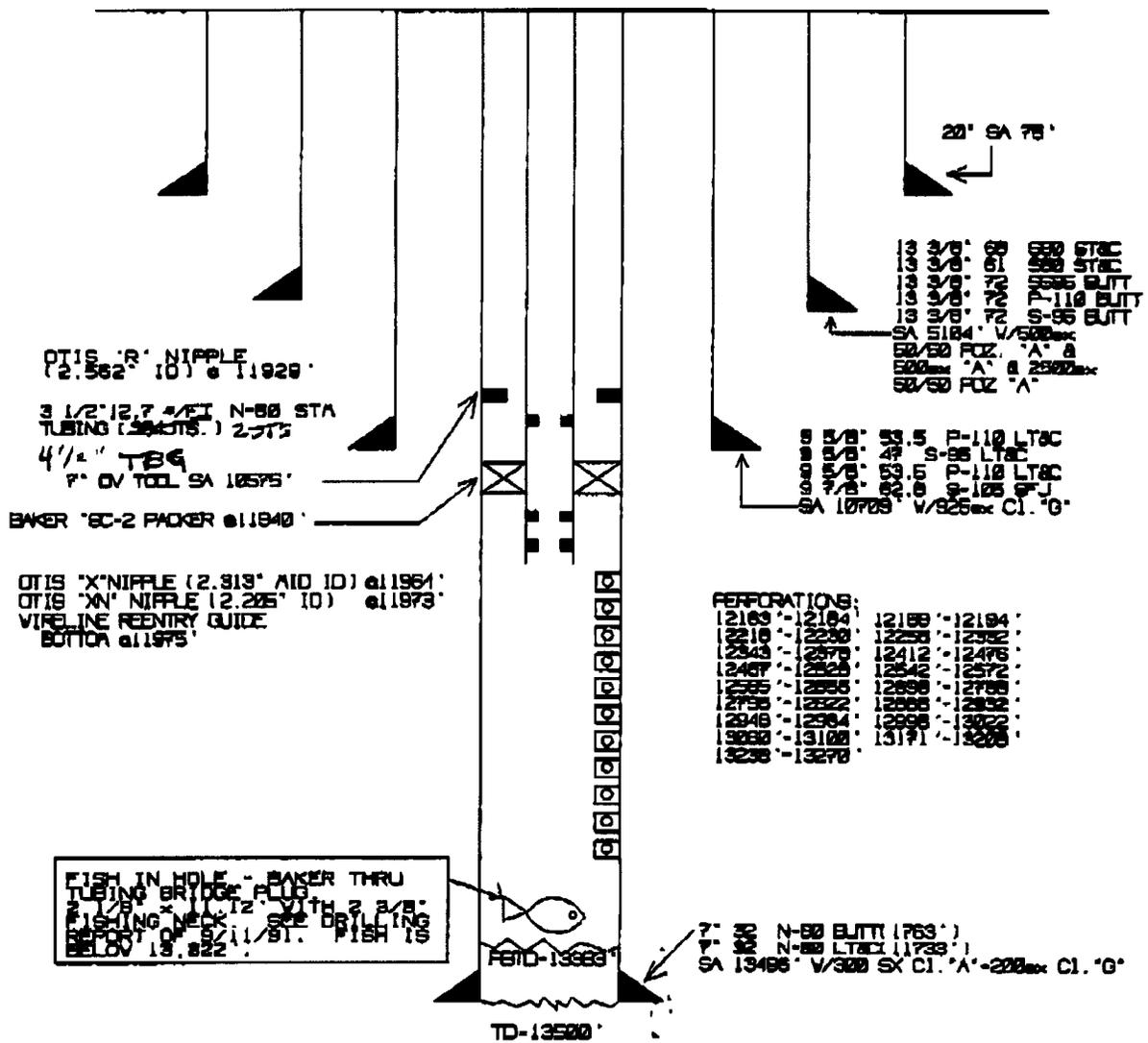
10. Rig up Schlumberger slick line unit and lubricator. RIH with slickline, equalize pressure and PULL plug from the Otis 2.313" "X" nipple at 11,964 ft. Pump 20 bbls (equals approximately 500 psi) of 2% KCL on to bottom plug to minimize differential (estimated pressure below plug is approximately 2,500 to 3,500 psi). RIH with slickline, latch onto prong, equalize pressure and PULL plug from the bottom Otis "XN" nipple profile 11,973 ft. Use N2 as necessary to assist with release of plug. Rig down slickline.
11. Rig up Weatherford e-line and caliper. Run 40 arm caliper (tool OD 3.55") from 11,800 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext. 2036
12. Rigup lubricator with 6 ft completion inside. Pressure test lubricator. RIH with centralized wireline re-entry guide, Otis 2.562" "R" nipple and hanger. (Provides double barrier protection for surface seals).
13. Land and tighten hanger. Rig down. Place well on production.

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

LAST UPDATED:  
9/26/91

# ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W20-10

LOCATION: 2567 FWL x 2561 FNL SEC. 20 T4N R8E  
ELEVATION: 7380 G.L. / 7405 K.B.

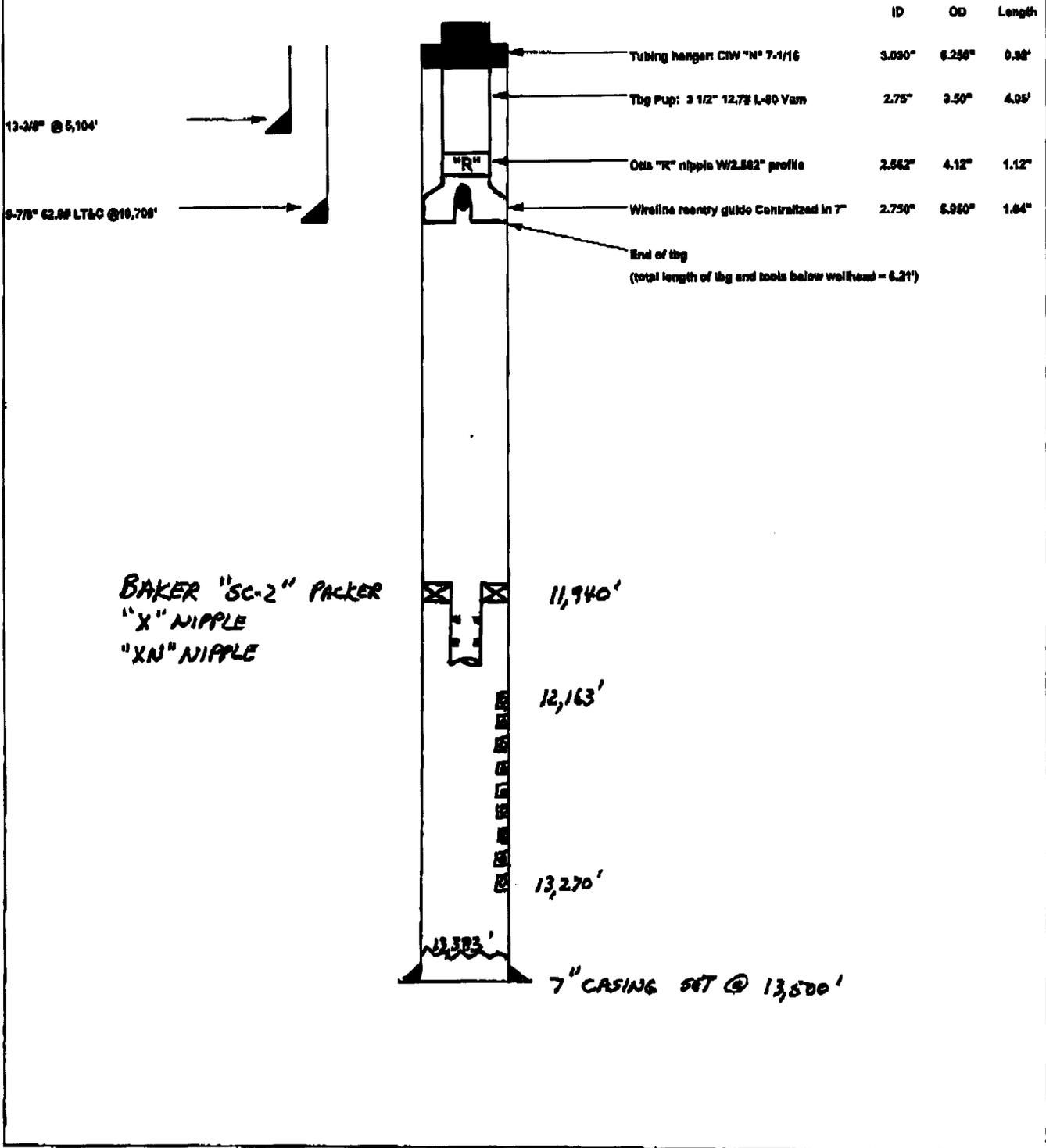


Completion

**WELLBORE DIAGRAM**

Field: Anschutz Ranch East Field  
 Well: No. W20-18  
 BEG: 29 TWP: 4N R9E: ME

KB Correction: 7380'



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
**FEE**

6. If Inster, Address or Tract Name:

7. Unit Agreement Name:  
**Anschutz Ranch East**

8. Well Name and Number:  
**ARE W20-10**

9. API Well Number:  
**4304330229**

10. Field and Pool, or Widener:  
**Anschutz Ranch East**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator: **Amoco Production Company**

3. Address and Telephone Number: Ph (281) 366-5798  
**501 Westlake Park Blvd, Houston, TX 77253-3092**

4. Location of Well  
Footage: **2567' FWL x 2561' FNL**

OO, Sec., T., R., M.: **Section: 20 TWP: 4N R6E: 8E**

County: **Summit**  
State: **Utah**

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

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

Date of work completion **June 4, 2000**

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

\* Must be accompanied by a cement verification report.

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent data. If well is directionally drilled, give azimuth, bearings 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

Date: *10-24-00*

COPY SENT TO OPERATION  
Date: *10-24-00*  
Initials: *CRP*

(See Instructions on Reverse Side)

BP AMOCO

UPDATED: 06/04/00

Submitted by: M. Olson

WELLBORE DIAGRAM

Field: Anschutz Ranch

Well: W 20-10

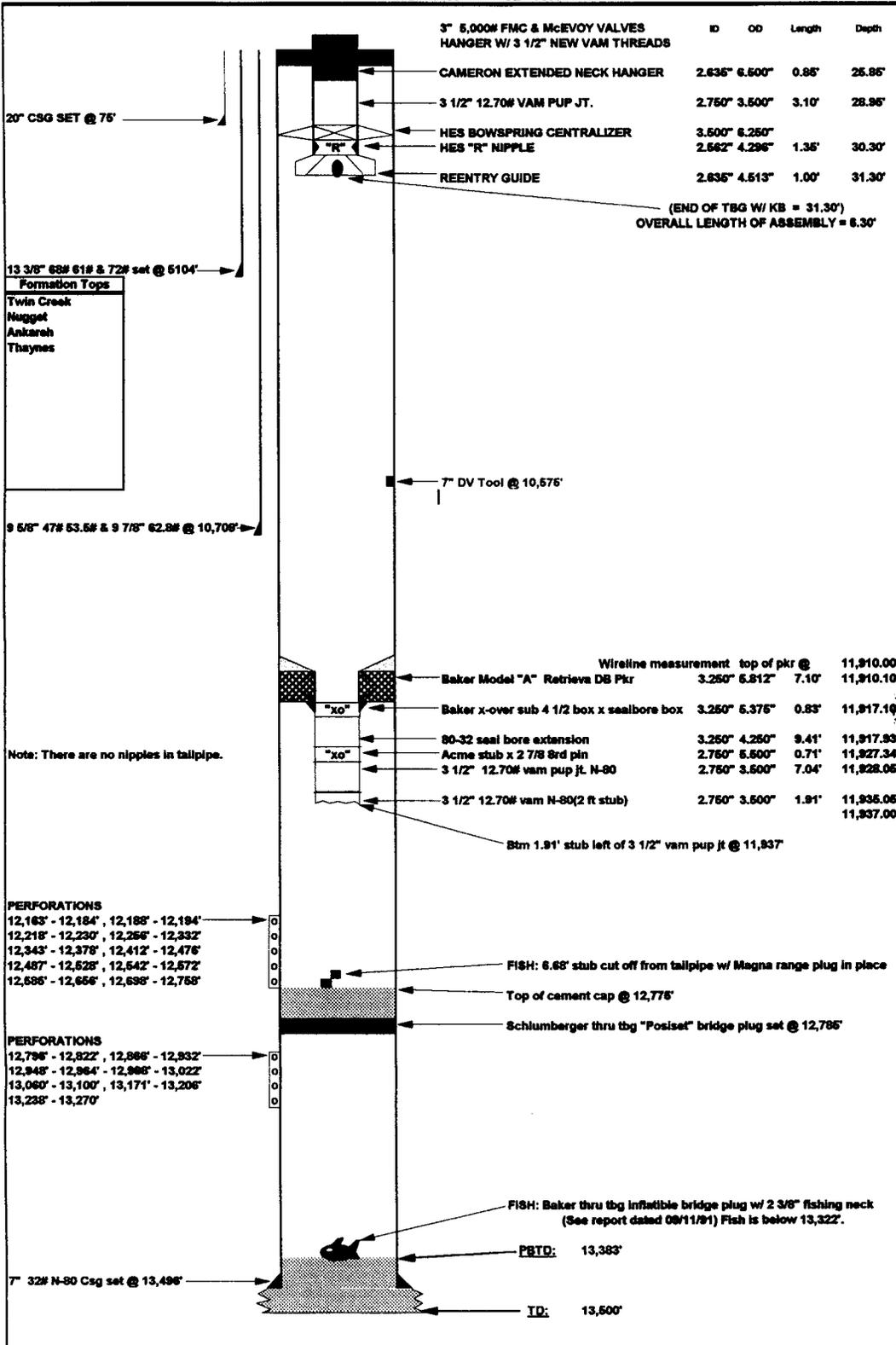
SEC: 20 TWP: 4N RGE: 8E

K.B. = 7405'

GL = 7380'

K.B.

25 FT.



# Workover Procedure

## Anschutz Well No. W20-10

Location: Section 20, T04N-R8E County: Summit State: Utah

**Objective:** Set thru tubing inflatable bridge plug to shutoff water using electric line.  
Pull the tubing string without losing water to the formation with workover rig.

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

***Conduct all pre-workover safety meetings.***

Water Shutoff Procedure to be completed prior to moving workover rig in.

- 1.) MIRU Schlumberger electric line unit.
- 2.) Shut in well and shutoff chemical injection (if applicable).
- 3.) Rigup lubricator and pressure test using water.
- 4.) RIH with gauge ring to 12,800 ft md and POOH. DO NOT attempt to tag PBD. Fish in the hole at 13,322 ft md.
- 5.) RIH w/permanent thru tubing inflatable bridge plug to pass a minimum of 2.406" ID (G-22 locator) and set in 7" liner (32 #/ft, N80)
- 6.) Set TTBP at 12,785 ft md (per CNL/FDC log dated 12/21/82).
- 7.) POOH w/ running tool and pickup dump bailer.
- 8.) Dump bail cement to 12,775 ft md. .
- 9.) POOH. Let well sit minimum of 24 hrs to allow cement to fully setup.
- 10.) Rig down electric line unit.
- 11.) Return well to productive status. Monitor rates / pressures and report to operations engr. Accordingly.

### Procedure for Pulling Completion

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 the casing and tubing annulus. 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, CCL and permanent Baker 2 1/8" inflatable bridgeplug. Plug is to pass through 2.406" ID and set in 3 1/2" 9.2 ppf pup joint. Find the bottom of the tubing with the CCL and set 111" BP immediately above the wireline re-entry guide. Note: the tailpipe will be cutoff later. Bleed down any pressure in the tubing string to test the plug from below. Plug can handle 4,600 psi differential.
5. Pickup tubing string approximately 20 ft and sting out of the Baker "Retrieva DB " prod. packer at 11,910 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. Immediately begin pumping down the annulus and up the tubing with 2% KCL water to clear downhole debris. Displace with water until returns and 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. 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 electric line and chemical cutter to prepare to cutoff tail pipe. Load the hole with 100 bbls of 2% KCL water and pressure up 7" casing

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

FORM 9

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

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

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

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

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

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

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

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

(This space for State use only)

**RECEIVED**

DEC 13 2001

DIVISION OF  
OIL, GAS AND MINING

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

§  
§  
§  
§

CERTIFICATE

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

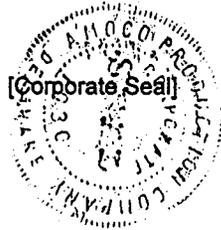
NOW, THEREFORE, BE IT,

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

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

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

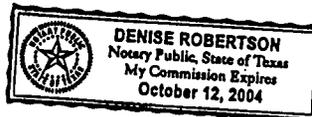
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

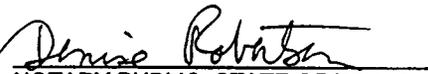


  
M. S. Haskins

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

(Notary Seal)



  
NOTARY PUBLIC, STATE OF TEXAS

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



**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

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

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

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

**CA No.**

**Unit: ANSCHUTZ RANCH EAST**

**WELL(S)**

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

**OPERATOR CHANGES DOCUMENTATION**

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

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

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

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

**STATE BOND VERIFICATION:**

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

**INDIAN BOND VERIFICATION:**

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

**FEDERAL BOND VERIFICATION:**

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

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

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

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

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

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (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"/> <b>SUBSEQUENT REPORT</b> (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 Frank N. Dicum Title V.P.

Signature [Signature] Date 7/1/03

BP America Production Company David G. Peterson TITLE Attorney-In-Fact

SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

**RECEIVED**  
**JUL 03 2003**

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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

**BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY**

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



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

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

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

August 26, 2003

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

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

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

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

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

Utah Royalty Owners Association  
PO Box 1292  
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

*Earlene Russell*  
Earlene Russell  
Engineering Technician

Attachment

cc: Merit Energy Company  
Utah Royalty Owners Association

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

**X Change of Operator (Well Sold)**

**Designation of Agent/Operator**

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: <b>7/1/2003</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
N1990-BP America Production Company 501 WestLake Park Blvd Houston, TX 77079 Phone: (281) 366-2000	N4900-Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Phone: (972) 628-1558
<b>CA No.</b>	<b>Unit: ANSCHUTZ RANCH EAST</b>

<b>WELL(S)</b>								
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
<b>ARE W20-10</b>	<b>20</b>	<b>040N</b>	<b>080E</b>	<b>4304330229</b>	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 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:**

---

---

---

---

---

---

---

---