

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

Island Ranching "E"

8. Farm or Lease Name

#2

9. Well No.

Wildcat

10. Field and Pool, or Wildcat

Sec. 36, T4N, R7E

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

Summit Utah

12. County or Parrish 13. State

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 SE/4 NE/4 Sec. 36 T590' FNL & 1193' FEL

At proposed prod. zone BHL: 2140' FNL & 500' FEL

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

Approximately 7 miles southeast of Castle Rock, Utah

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

1193'

16. No. of acres in lease

----

17. No. of acres assigned to this well

----

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

----

19. Proposed depth

14,500'

20. Rotary or cable tools

Rotary

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

8070' 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
17-1/2"	13-3/8"	54.5 & 68#	3000'	Circ.
12-1/4"	9-5/8"	40, 43.5, 47, 53.5, 62.8#	12,000'	*
8-1/2"	7"	23, 32, 35#	14,570'	*

\*Determine from logs

PROPOSE TO DEVELOP NUGGET RESERVES

Subject well to be drilled in accordance with Rule C-3, General Rules & Regulations.  
Surface location selected to provide minimal disturbance to grazing lands as per the request of the surface owner.

"See Attachments"

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

24. Original Signed By  
G. W. CHAPMAN

Signed

Title Administrative Supervisor

Date 2-13-81

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

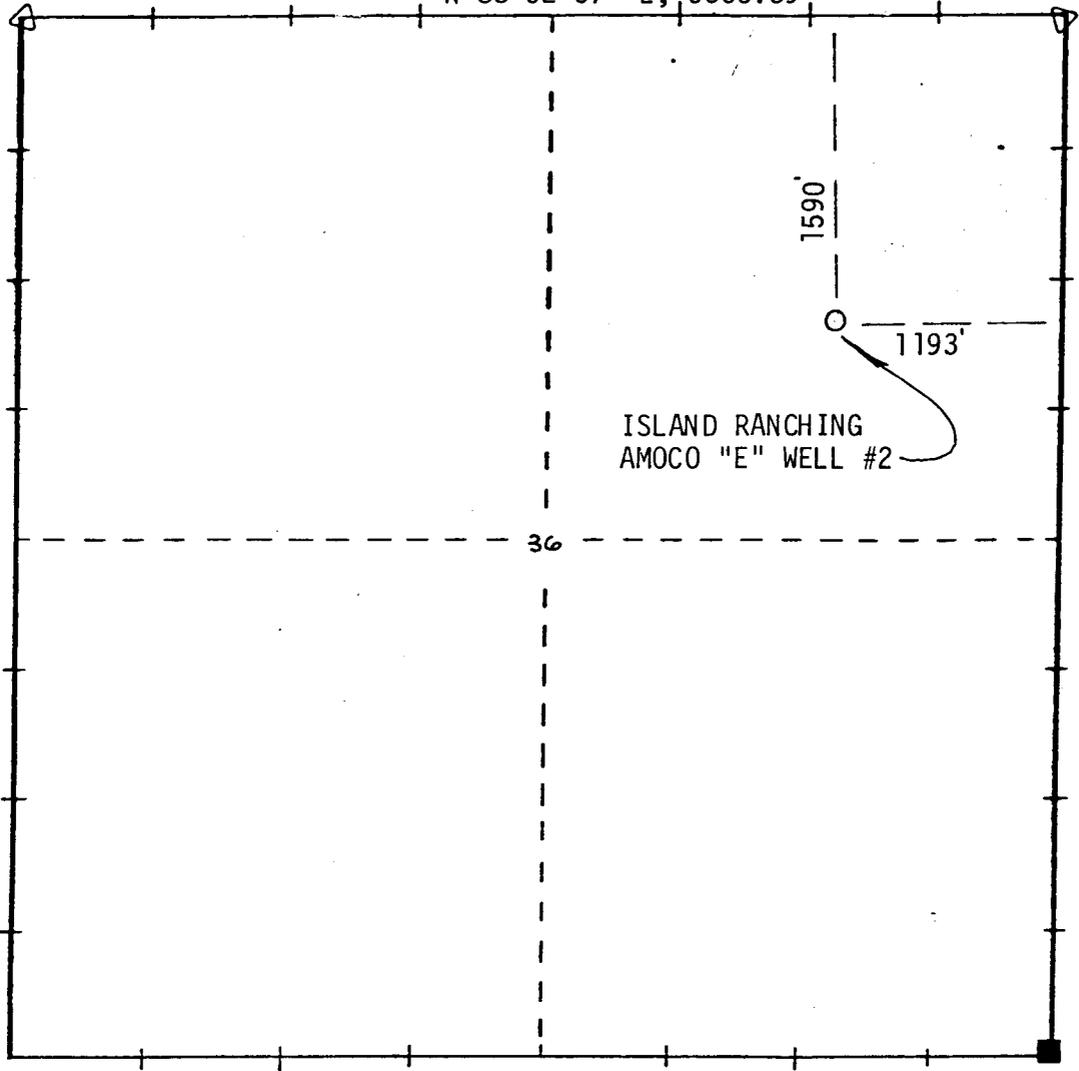
NW Corner

T 4 N

R 7 E

NE Corner

N 88°02'57" E, 5356.39'



S 0°18'34" W, 5582.09'

SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊗ Found Stone - Set Brass Cap
- Hub and Tack
- ▽ Proportioned Corner

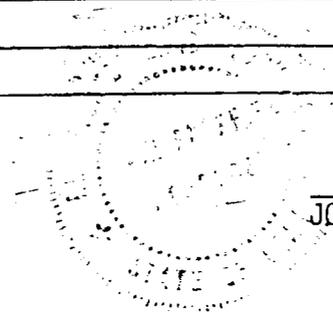
SW Corner

SE Corner

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Reed Smith of Evanston, Wyoming for Amoco Production Co. I made a survey on the 5th day of February, 1981 for

Location and Elevation of the Island Ranching Amoco "E" Well #2 as shown on the above map, the wellsite is in the NE¼ of Section 36, Township 4N, Range 7E of the Salt Lake Base & Meridian Summit County, State of Utah. Elevation is 8206 Feet Top of Hub Datum U.S.G.S. Quadrangle - Porcupine Ridge, Utah/Wyoming BM 15 EAM 1965 Elevation 7122'

- Reference point \_\_\_\_\_
- Reference point \_\_\_\_\_
- Reference point \_\_\_\_\_
- Reference point \_\_\_\_\_



John A. Proffit 2/6/81  
 JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: February 6, 1981  
 JOB NO.: 81-10-9

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

Island Ranching "E" #2

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

<u>Marker</u>	<u>Depth</u>
Frontier	3820'
Garnett	6820'
Preuss	10,320'
Salt	11,320'
Twin Creek	11,820'
Nugget	13,320'

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

See Item #2, above

- 4) Casing Programs: See Form OGC-1a, Item #23
- 5) Operators minimum specifications for pressure control equipment are explained on 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, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

- 6) Mud Program:

<u>App. Interval</u>	<u>Type Mud</u>	<u>Wt. #/Gal.</u>	<u>Viscosity</u>	<u>W.L. CC/30M</u>	<u>Other Spec's</u>
0' - 3000'	Native	8.5 - 8.7	As req'd	NC	
3000' - 12000'	LSND	8.8 - 10.5	Greater than 40		Modified Salt Mud
12000' - 14570'	LSND	8.8 - 9.0	32-40	less than 20 cc	

- 7) Auxilliary Equipment:

Kelly cock: floor sub with a full opening valve.  
3" Choke manifold with remote control choke.

- 8) Testing Program:

Two-man mudlogger                      SFC-TD  
DST    As directed by Division Office

<u>Logging Program</u>	<u>Depth Interval</u>
<u>Type</u>	

DIL *	SFC-TD
DLL-MSFL **	SFC-TD
CNL-FDC- w/Gr. Caliper	SFC-TD
FIL - Dipmeter	SFC-TD
BHC Sonic w/Gr. Caliper	SFC-TD
Check Shot Survey	SFC-TD

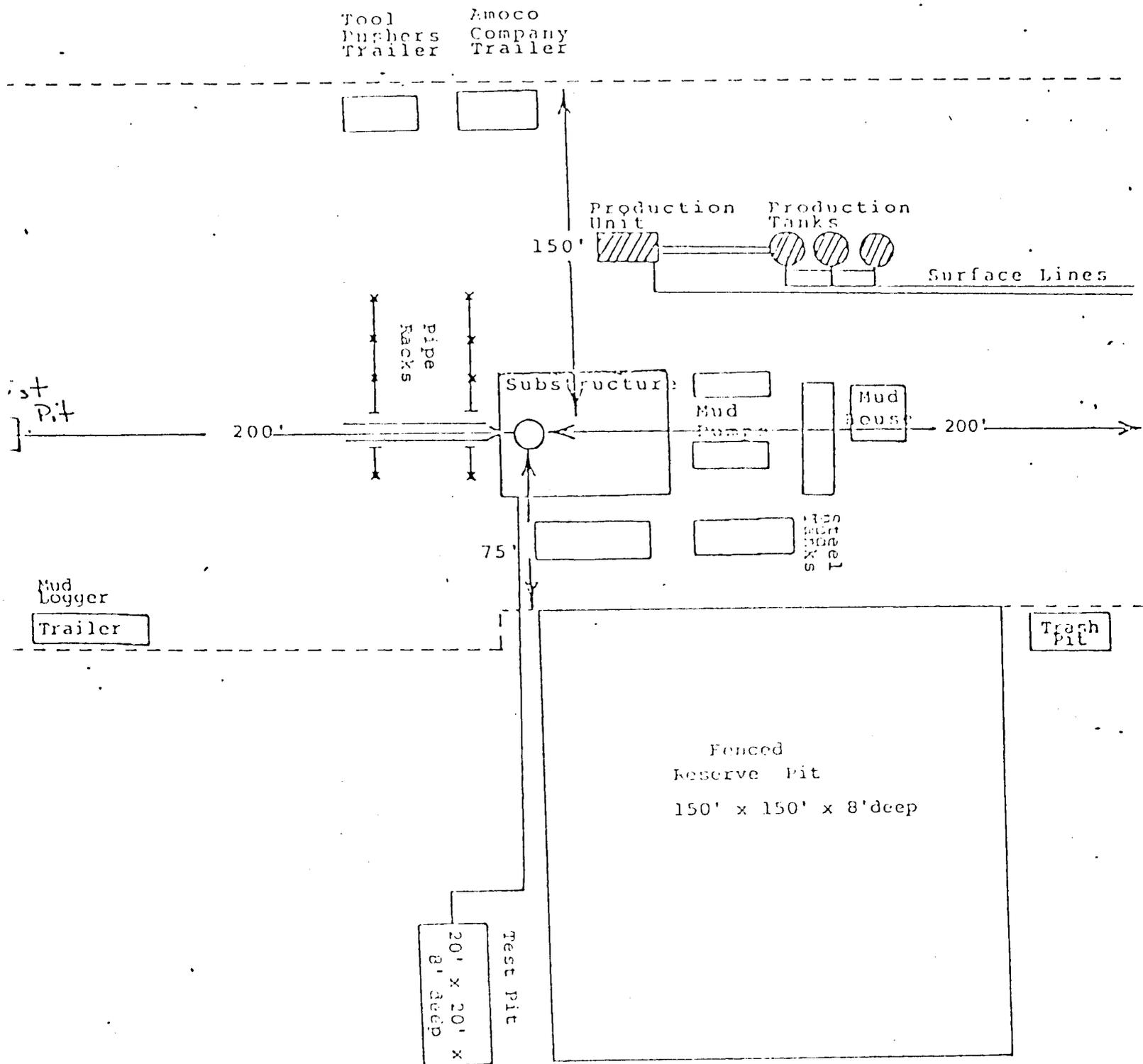
Coring Program:

No cores are scheduled

Stimulation Program:

Nugget - perforate with 4 JSPPF and acidize with 50 to 100 gallons  
15% HCl per foot of perforation.

- 9) No abnormal pressures, temperatures, or H<sub>2</sub>S are anticipated.
- 10) Anticipated starting date will be when approved and the duration of the operations will be approximately 180 days.



⊗ = 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"

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

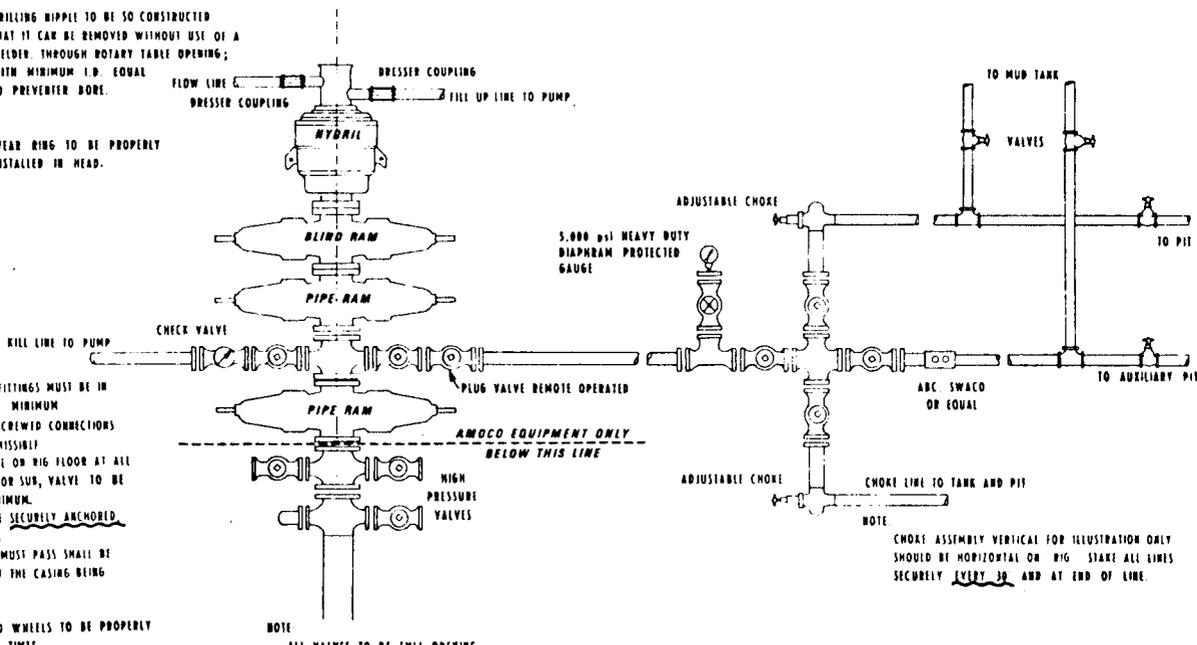
**NOTE:**

1 DRILLING HIPPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPERING; WITH MINIMUM I.D. EQUAL TO PREVENTER BORE.

2 WEAR RING 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 CHOKES PERMISSIBLE
- 3 SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUR. VALVE TO BE FULL BORE 5,000 PSI W.P. MINIMUM.
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- 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE 88 GALLON ACCUMULATOR, TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION, AND MEET ALL IADC SPECIFICATIONS

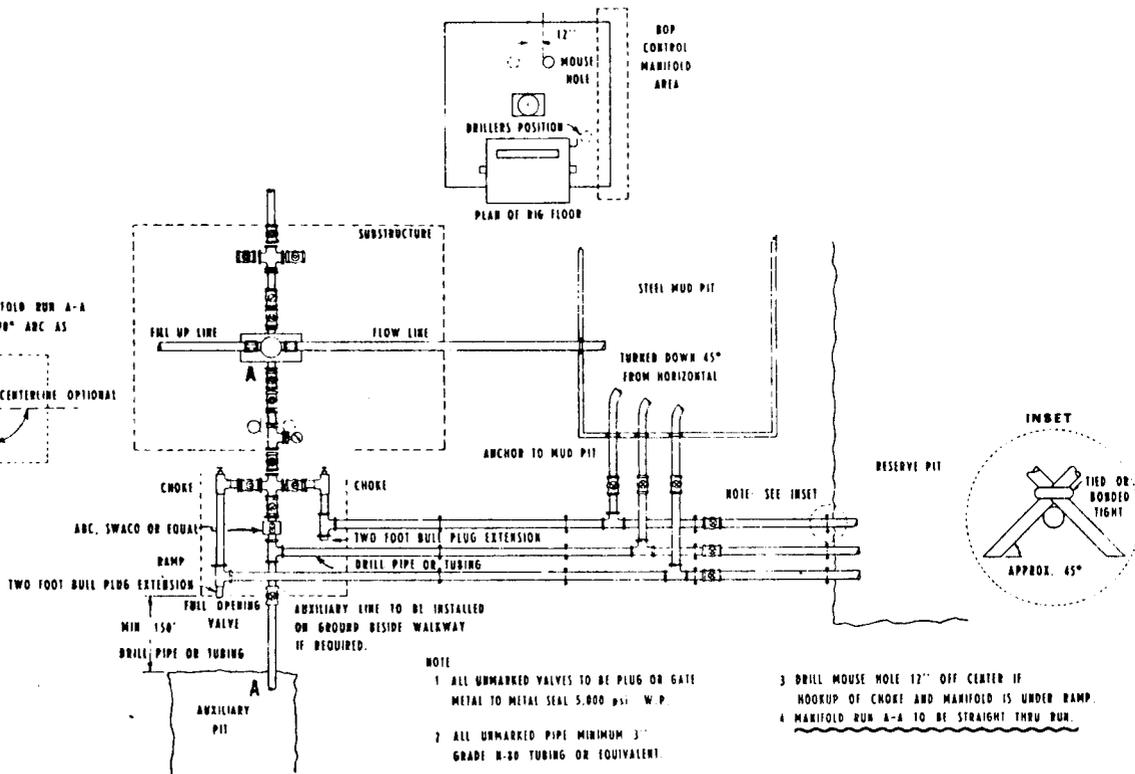
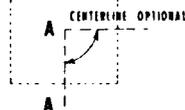


**NOTE:**  
ALL VALVES TO BE FULL OPENING

**NOTE:**  
CHOKES ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY SHOULD BE HORIZONTAL ON RIG. STAKE ALL LINES SECURELY EVERY 30' AND AT END OF LINE.

**NOTE:**

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



**NOTE:**

- 1 ALL UNMARKED VALVES TO BE PLUG OR GATE METAL TO METAL SEAL 5,000 PSI W.P.
- 2 ALL UNMARKED PIPE MINIMUM 3" GRADE N-80 TUBING OR EQUIVALENT
- 3 DRILL MOUSE HOLE 12" OFF CENTER IF HOOKUP OF CHOKES AND MANIFOLD IS UNDER RAMP
- 4 MANIFOLD RUN A-A TO BE STRAIGHT THRU RUN.

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

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

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Approximately 7 miles southeast of Castle Rock, Utah

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1193'

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17. No. of acres assigned to this well

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

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19. Proposed depth

14,500'

20. Rotary or cable tools

Rotary

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

8070' GR

22. Approx. date work will start\*

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8-1/2"	7"	23, 32, 35#	14,570'	*

\*Determine from logs

PROPOSE TO DEVELOP NUGGET RESERVES

Subject well to be drilled in accordance with Rule C-3, General Rules & Regulations.

Surface location selected to provide minimal disturbance to grazing lands as per the request of the surface owner.

"See Attachments"

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 3-19-81  
 BY: *[Signature]*

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

24.

*[Signature]*

Title Administrative Supervisor

Date 2-13-81

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any: approval is contingent upon the Board of Oil, Gas & Mining finding in favor of Amoco's application to adopt 160 ac spacing for nugget production in Sec 36, T4N, R7E Summit Co. Utah  
 \*See Instructions On Reverse Side  
 Extended 183-3 Wang/4



## Attachment to Form OGC-1a

Island Ranching "E" #2

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

<u>Marker</u>	<u>Depth</u>
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DST    As directed by Division Office

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<u>Type</u>	

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DLL-MSFL **	SFC-TD
CNL-FDC- w/Gr. Caliper	SFC-TD
FIL - Dipmeter	SFC-TD
BHC Sonic w/Gr. Caliper	SFC-TD
Check Shot Survey	SFC-TD

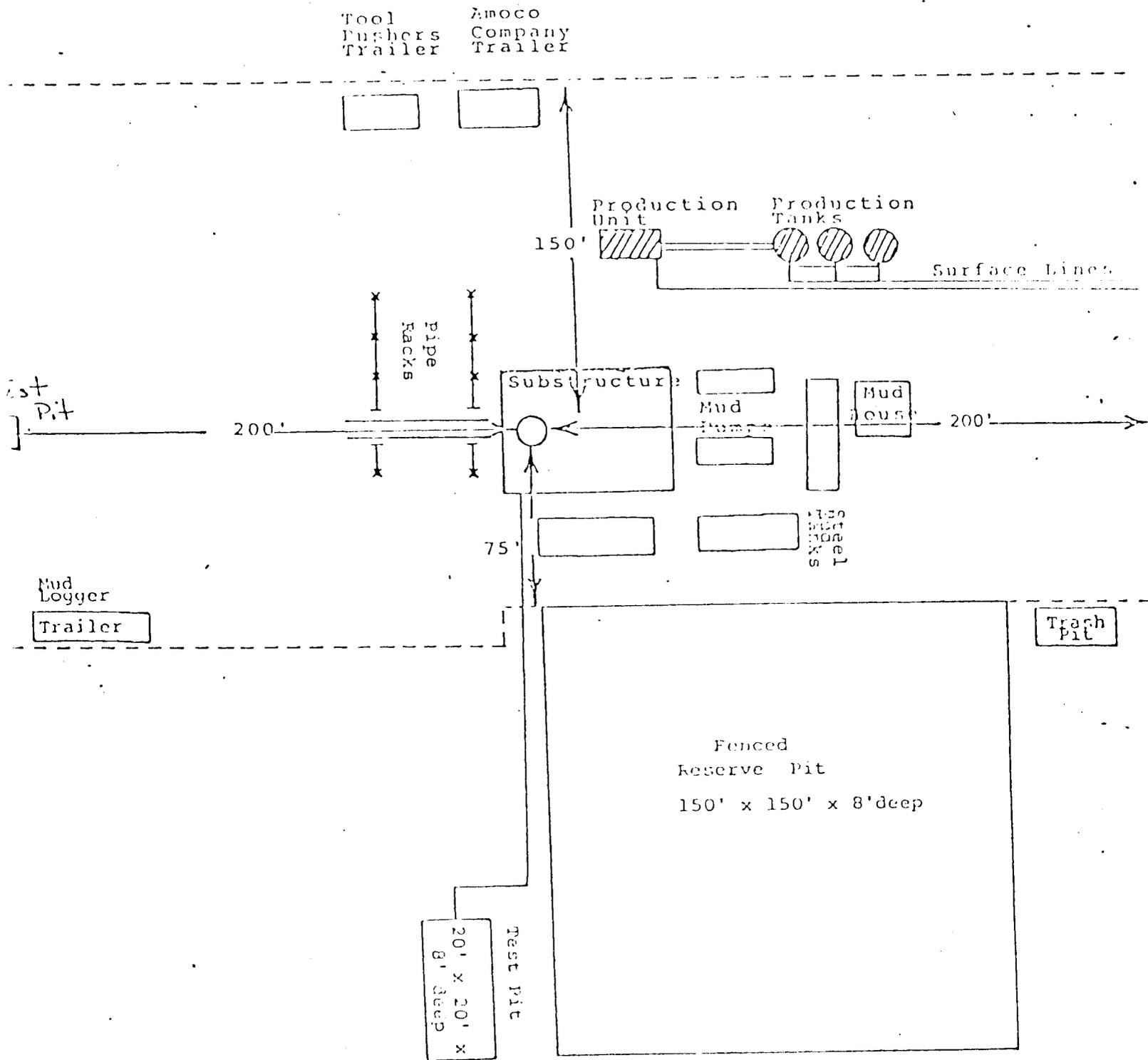
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The fenced pit used for production will be covered if any fluid is present. The drilling and production pads will be constructed with dozers and graders using native material.

TYPICAL  
LOCATION  
LAYOUT

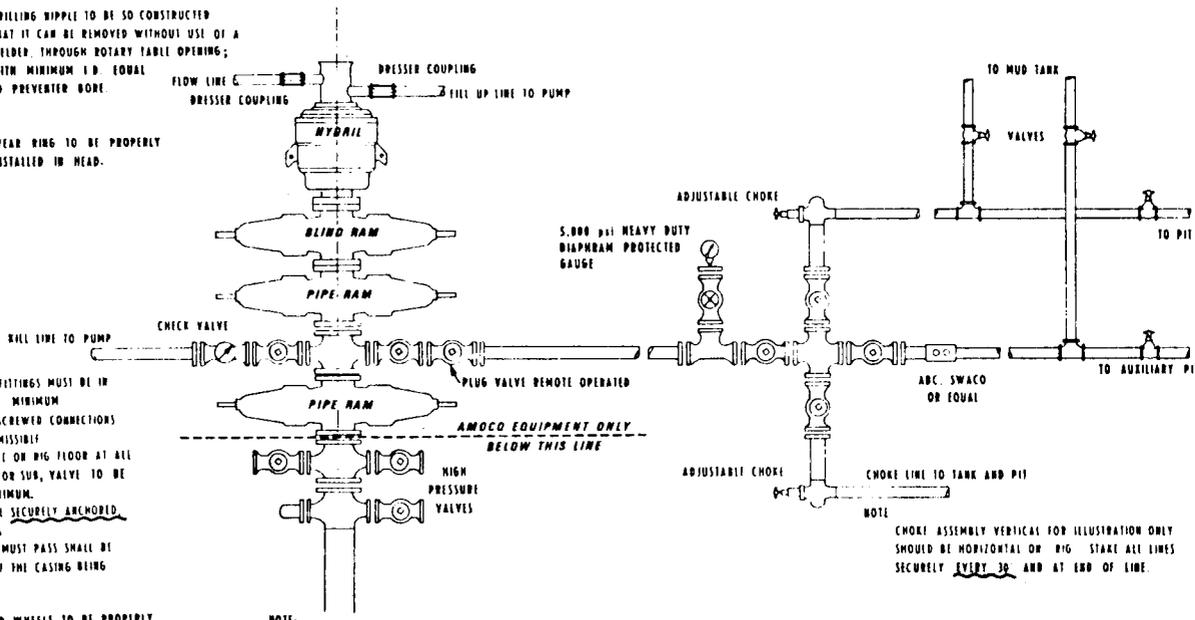
AMOCO PRODUCTION COMPANY  
P. O. Box 17675  
SALT LAKE CITY, UTAH 84117

EXHIBIT "D"

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

NOTE:  
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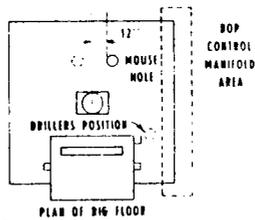
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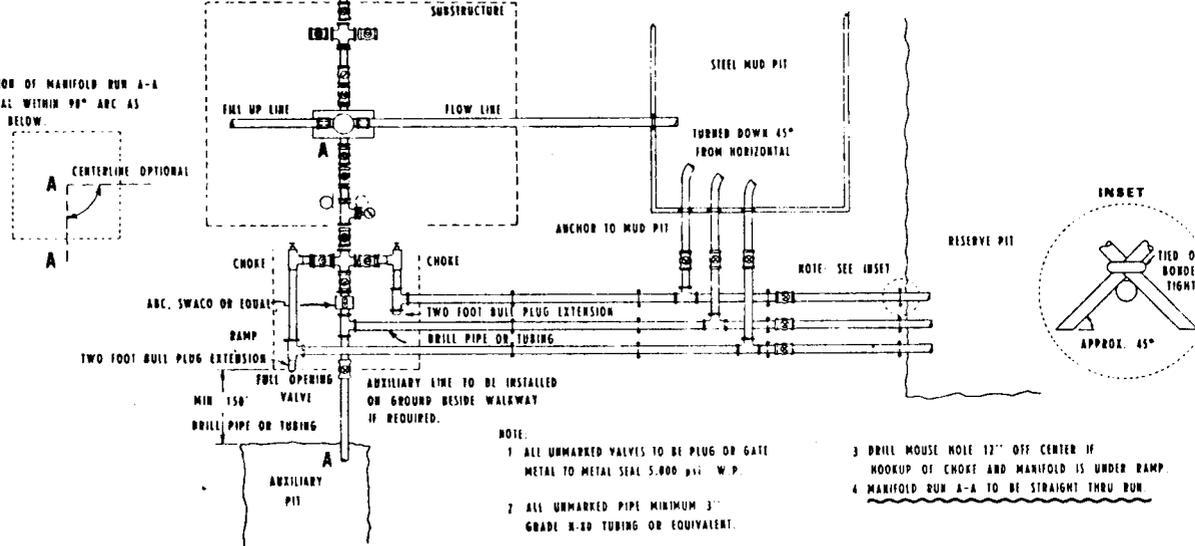
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  - 3 SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUB. VALVE TO BE FULL BORE 5,000 PSI W.P. MINIMUM.
  - 4 ALL CHOKE AND FILL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKE LINES
  - 5 EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH
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NOTE:  
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NOTE  
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NOTE:  
 DIRECTION OF MANIFOLD RUN A-A OPTIONAL WITHIN 90° ARC AS SHOWN BELOW



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

\*\* FILE NOTATIONS \*\*

DATE: March 10, 1981  
OPERATOR: Amoco Production Company  
WELL NO: Island Ranching "E" #2  
Location: Sec. 36 T. 4N R. 7E County: Summit

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-043-30109

CHECKED BY:

Petroleum Engineer: M. J. Minder 3-19-81  
Called 3-12-81 S. Wilson - Amoco will be applying for a change of spacing in this area - contingent on Board approval of location as proposed

Director: \_\_\_\_\_  
\_\_\_\_\_

Administrative Aide (C-3) - OK on bndrys. / Too close to (2) other gas wells - (On 4N, 8E, Sec 31) & OK on ocl wells.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

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

Lease Designation Free

Plotted on Map

Approval Letter Written

Hot Line

P.I.

March 23, 1981

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

Re: Well No. Island Ranching "E" #2  
Sec. 36, T. 4N, R. 7E  
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, approval is contingent upon Board of Oil, Gas, and Mining finding in favor of Amoco's application to adopt 160 acre spacing for Nugget production in Section 36, T. 4N, R. 7E, Summit County, Utah

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

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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

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

The API number assigned to this well is 43-043-301<sup>(67)</sup>67.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko



**Amoco Production Company**

Denver Region  
Amoco Building  
17th & Broadway  
Denver, Colorado 80202  
303-830-4040

March 12, 1981

Cleon B. Feight (6)  
Utah Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, UT 84116

File: HDM-19-986.511

Dear Mr. Feight:

Application to Enlarge 160-acre  
Nugget Spaced Area  
Anschutz Ranch East Field  
Summit County, Utah

Amoco Production Company hereby makes application for a hearing and resulting order from the Utah Board of Oil, Gas and Mining enlarging the present 160-acre Nugget gas spaced area to include the following lands:

T4N, R8E: Sections 8, 9, 18 E/2, 19 W/2  
T4N, R7E: Sections 24, 25, 35 E/2, 36  
T3N, R7E: Sections 1, 2, 11, 12, 13, 14, 15 E/2  
T3N, R8E: Sections 4, 5, 6, 7, 8, 9, 18

Applicant is the owner of working interests and operating rights in a portion of the lands described above. In addition to Amoco's Bountiful Livestock No. 1, currently on production from the Nugget, there are four wells completing in the Nugget and six active drilling rigs in this field. At least seven additional Nugget wells have been permitted.

Based on seismic data and the information obtained to date from wells, we feel that the present 160-acre Nugget spaced area should be enlarged to include the lands noted above. The same well location rules would apply to the enlarged area.

In support of this request Amoco states that:

1. Enlarging the spaced area and establishing drilling units is necessary to avoid the drilling of unnecessary wells, to protect correlative rights and to prevent waste.

Cleon B. Feight  
Page Two  
March 12, 1981

2. Drilling units of approximately 160 acres will accomplish this and are not smaller nor greater than the maximum area that can be efficiently and economically drained by one well producing from the Nugget formation.
3. If wells drilled in the enlarged area encounter gas in the Nugget, it will be gas contained in the same pool.

We are aware the present Nugget spaced area in the Anschutz Ranch East Field is scheduled for review before the Board in April, 1981. It is our feeling that this application will provide that review as well as substantiate the need to enlarge this area.

The portion of the Nugget spaced area in this field that lies in Wyoming is also scheduled for review in April and at this hearing we also plan to ask that the area be enlarged.

We ask that this application be set for hearing before the Board at its regularly scheduled meeting on April 23, 1981. Should this date be changed, please advise me as soon as possible.

Copies of this application are being mailed this date to all owners in the present and proposed enlargement spaced areas as shown on the attached addressee list.

Respectfully submitted,



Vinton D. Pierce

VDP/vb

Attachment

FE697

Working Interest Owners and Representatives  
Anschutz Ranch East Field  
Summit County, Utah

John D. Haley (2)  
The Anschutz Corp., Inc.  
2400 Anaconda Tower  
555 17th Street  
Denver, CO 80202

Jerry D. Armstrong  
BWAB, Inc.  
3300 Anaconda Tower  
555 17th Street  
Denver, CO 80202

Jim Chapman  
Tom Brown, Inc.  
P. O. Box 2608  
Midland, TX 79702

R. P. Vernon (2)  
Champlin Petroleum Co.  
P. O. Box 1257  
Englewood, CO 80150

T. L. Myrick, Manager  
Joint Operations  
Gulf Oil Exploration &  
Production Company  
P. O. Box 24100  
Oklahoma City, OK 73124

R. W. King  
Mesa Petroleum Company  
1660 Lincoln Street  
Suite 2800  
Denver, CO 80264

J. O. Upchurch (2)  
Mesa Petroleum Co.  
P. O. Box 2009  
Amarillo, TX 79189

P & M Petroleum Management  
Suite 1700  
Colorado State Bank Bldg.  
Denver, CO 80202

Ted P. Stockmar  
Holme, Roberts & Owen  
1700 Broadway  
Denver, CO 80202

DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: Amoco Production Co.

WELL NAME: Island Ranching E-2

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

DRILLING CONTRACTOR: Nobel

RIG # 862

BOP TEST: DATE: 12-11-81

TIME: 12:00 Noon

DRILLING: 13,950'

CASING: 9 5/8 @ 12,400'

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

Target depth - 16,000' nugget fm., rams, valves, lines, and manifold to 5000#.

Hydril to 2500#.

REPORTED BY: Peter McCullem

TELEPHONE NO. (307) 789-2291 SL. 900

DATE: December 11, 1981 SIGNED M.T.M. *M. S. Minder*

WELL # Louisiana Land & Exploration Federal 1-34  
Sec. 34, T. 8N, R. 6E, NE SE  
Rich County, Utah

Well # Champlin 55-1 Amoco "B" #1  
Sec. 33, T. 3N, R. 4E  
Summit County, Utah

Well No. State of Utah "S" #1  
Sec. 30, T. 3N, R. 7E, NW SW  
Summit County, Utah

Well No. Howell Livestock "B" #1  
Sec. 6, T. 3N, R. 8E  
Summit County, Utah

Well No. Island Ranching "D" #1  
Sec 14, T. 4N, R. 7E  
Summit County, Utah

Well No. Island Ranching "E" #1  
Sec 36, T. 4N, R. 7E  
Summit County, Utah

Well No. Champlin 458 Amoco "D" #4  
Sec 29, T. 4N, R. 8E  
Summit County, Utah

Well No. Champlin 458 "E" WIU # 1  
Sec, 31, T. 4N, R. 8E  
Summit County, Utah

Well No. Champlin 458 "E" WIU #2  
Sec. 31, T. 4N, R. 8E  
Summit County, Utah

Well No. Island Ranching "E" #2  
Sec. 36, T. 4N, R. 7E  
Summit County, Utah

Well No. Champlin 846- Amoco "B" 1  
Sec. 19, T. 5N, R. 8E  
Summit County, Utah

Well No. M.A. SMith #2  
Sec. 16, T. 3S, R. 10W  
Wasatch County

Well No. Island Ranching #C 1  
Sec. 26, T. 4N, R. 7E  
Summit County

Well No. Thousand Peaks Ranching WIU #1  
Sec. 32, T. 4N, R. 8E  
Summit Cou-nty, Utah



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

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

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

December 15, 1981

Amoco Production Company  
P. O. Box 17675  
Salt Lake City, Utah 84078

Re: See Attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

CARI FURSE  
CLERK TYPIST

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

SUBMIT TO THE PUBLIC\*  
(Other instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO.  Fee
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR  AMOCO PRODUCTION COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR  P.O. Box 17675 Salt Lake City, Utah 84117		8. FARM OR LEASE NAME  Island Ranching 'E'
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1590' FNL & 1193' FEL SE/4 NE/4		9. WELL NO.  #2
14. PERMIT NO.  43-043-30167		10. FIELD AND POOL, OR WILDCAT  Anschutz Ranch
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  8070' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  Sec. 36, T4N, R7E
12. COUNTY OR PARISH  Summit		13. STATE  Utah

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

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

Amoco Production Company advises that the following work has been performed on the subject well:

SPUD DATE: 3-25-81  
 Drilling Contractor: Noble - Rig #862

Casing: 13 3/8" casing set at 2972'  
 9 5/8" casing set at 12,401'

Current Status: Fishing at 14,625', total depth: 14,727

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

SIGNED *Harold Wagner* TITLE Administrative Supervisor DATE 1-18-82

(This space for Federal or State office use)

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

ARCO PRODUCTION COMPANY  
 DELAND OILFIELD - I  
 100 FT. RANGE  
 SUMMIT COUNTY, UTAH  
 MAGNETIC MULTI-SHOT

PAGE 1  
 DATE OF SURVEY MAY 22, 1981  
 VERTICAL SECTION DEFECTION 21.88000  
 15 DEG. EAST CORRECTION APPLIED  
 MS-15153

SPERRY-SUN, INC.  
 RECORD OF SURVEY

MEASURED DEPTH	TRUE	SUB	COURSE	COURSE	DOG-LEG	TOTAL		VERTICAL SECTION		
	VERTICAL DEPTH	SEA TVD	INCLINATION DEG MIN	DIRECTION DEG	SEV DEG/100	RECTANGULAR NORTH/SOUTH	COORDINATES EAST/WEST			
1997	1997.00	1997.00	ASSUME VERTICAL TO 1997 FEET			0.	N	0.	E	0.
760	2080.00	2080.00	0 15	N 51 E	0.30	0.11 N	0.14 E			0.12
173	2173.00	2173.00	0 45	N 24 E	0.58	0.30 N	0.55 E			0.80
266	2265.99	2265.99	0 45	N 38 E	0.20	1.33 N	1.17 E			1.84
2359	2353.98	2353.98	0 45	N 25 E	0.18	2.86 N	1.80 E			2.88
2452	2451.97	2451.97	0 50	N 25 E	0.09	4.03 N	2.34 E			4.05
2545	2544.96	2544.96	1 0	N 1 E	0.45	5.45 N	2.64 E			5.47
2633	2637.95	2637.95	0 55	N 6 E	0.13	7.00 N	2.74 E			7.03
2731	2730.93	2730.93	1 0	N 6 W	0.23	8.55 N	2.73 E			8.57
2824	2823.92	2823.92	0 45	N 11 W	0.28	9.96 N	2.53 E			9.99
2917	2916.91	2916.91	0 50	N 5 W	0.13	11.23 N	2.35 E			11.25
3010	3009.90	3009.90	0 45	N 21 W	0.25	12.47 N	2.07 E			12.49
3103	3102.90	3102.90	0 35	N 26 W	0.19	13.46 N	1.65 E			13.48
3196	3191.89	3191.89	0 30	N 44 W	0.20	14.18 N	1.16 E			14.19
3239	3283.89	3283.89	0 30	N 31 W	0.12	14.82 N	0.67 E			14.33
332	3381.89	3381.89	0 25	N 35 W	0.10	15.45 N	0.27 E			15.45
375	3474.88	3474.88	0 40	N 24 W	0.29	16.22 N	0.15 W			16.21
3568	3567.88	3567.88	0 45	N 21 W	0.10	17.28 N	0.59 W			17.27
3661	3660.87	3660.87	0 45	N 10 W	0.15	18.45 N	0.01 W			18.44
3754	3753.86	3753.86	0 55	N 8 W	0.18	19.78 N	1.12 W			19.77
3847	3846.85	3846.85	0 50	N 15 W	0.15	21.17 N	1.40 W			21.16
3940	3939.84	3939.84	0 50	N 15 W	0.	22.48 N	1.75 W			22.46
4033	4032.83	4032.83	1 0	N 7 W	0.23	23.94 N	2.02 W			23.92
4126	4125.81	4125.81	1 0	N 0 E	0.13	25.55 N	2.12 W			25.54
4219	4213.79	4213.79	1 15	N 6 E	0.30	27.38 N	2.01 W			27.36
4312	4311.77	4311.77	1 25	N 0 E	0.23	29.53 N	1.91 W			29.52
4405	4404.74	4404.74	1 20	N 20 E	0.52	31.70 N	1.54 W			31.69
4498	4497.73	4497.73	0 50	N 1 E	0.65	33.39 N	1.16 W			33.38
4591	4590.71	4590.71	1 20	N 14 E	0.60	35.12 N	0.38 W			35.11
4684	4683.68	4683.68	1 35	N 15 E	0.27	37.41 N	0.29 W			37.41

AMOCO PRODUCTION COMPANY  
ISLAND RANCH E-2

BOSS-15330  
11-15-81

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
10900	TIE COORDINATES		10799.25	62.75 S	111.53 E	126.28	0.00
11100	N 55 48 E	0 9	11099.24	62.02 S	112.87 E	127.29	0.10
11200	S 79 36 E	0 29	11199.25	62.02 S	113.39 E	127.78	0.39
11300	S 48 18 E	0 23	11299.24	62.32 S	114.05 E	128.50	0.25
11400	S 2 30 E	0 17	11399.23	62.79 S	114.31 E	128.90	0.27
11500	S 72 30 W	0 10	11499.23	63.09 S	114.18 E	128.89	0.29
11600	N 68 54 E	1 14	11599.22	62.74 S	115.05 E	129.59	1.39
11700	N 63 36 E	1 32	11699.20	61.76 S	117.25 E	131.31	0.33
11800	N 31 30 E	2 31	11799.13	59.30 S	119.59 E	132.67	1.46
11900	N 15 24 E	2 2	11899.04	55.72 S	121.21 E	132.96	0.79
12000	N 8 36 E	2 56	11998.95	51.47 S	122.06 E	132.31	0.94
12100	N 17 6 E	2 11	12098.85	47.13 S	123.00 E	131.70	0.84
12200	N 64 6 E	1 36	12198.79	44.70 S	124.82 E	132.58	1.60
12300	S 83 18 E	1 37	12298.76	44.26 S	127.47 E	134.91	0.90
12400	S 69 54 E	2 25	12398.70	45.15 S	130.85 E	138.39	0.93
12500	S 60 36 E	4 59	12498.48	48.00 S	136.61 E	144.79	2.62
12580	S 54 24 E	6 22	12578.08	52.29 S	143.24 E	152.48	1.88

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.  
THE VERTICAL SECTION WAS COMPUTED ALONG S 69 57 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE  
DISPLACEMENT IS 152.48 FEET, IN THE DIRECTION OF S 69 57 E  
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.  
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

ARCO DRILLING COMPANY  
 BEAR PATTERN-1  
 SOUTHWEST CORNER  
 SUMMIT COUNTY, UTAH  
 MAGNETIC MULTI-SHOT

PAGE 2  
 DATE OF SURVEY MAY 27, 1981  
 VERTICAL SECTION METHOD CLOSURE  
 15 DEG. EAST CORRECTION APPLIED  
 MS-15153

SPERRY-SUN, INC.  
 RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEG MIN	COURSE			DOG-LEG SEV DEG/100	TOTAL		VERTICAL SECTION
				DIRECTION				RECTANGULAR	COORDINATES	
				DEG			NORTH/SOUTH	EAST/WEST		
4777	4776.65	4776.65	1 20	N	10	E	0.30	39.72 N	0.23 E	39.72
370	4369.63	4369.63	1 0	N	1	W	0.43	41.59 N	0.41 E	41.60
901	4900.63	4900.63	0 20	N	46	W	2.58	41.93 N	0.34 E	41.93

\*\* THE CALCULATIONS ARE BASED ON THE MINIMUM RADIUS OF CURVATURE METHOD \*\*

HORIZONTAL DISPLACEMENT = 41.93 FEET AT NORTH 0 DEG. 28 MIN. EAST (TRUE)

STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE 1-5 & RULE 1-4)

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

IN THE MATTER OF THE APPLICATION OF  
Amoco Production Company, USA  
 ADDRESS P O Box 17675  
Salt Lake City, Utah ZIP 84117  
 INDIVIDUAL        PARTNERSHIP        CORPORATION X  
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE ARE W36-08 WELL  
 SEC. 36 TWP. 4N RANGE 7E  
Summit COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input type="checkbox"/>

APPLICATION

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

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

Lease Name <u>Island Ranching</u>	Well No. <u>ARE W36-08</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE</u> Sec. <u>36</u> Twp. <u>4N</u> Rge. <u>7E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>2/82</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2400'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Gas</u>
Location of Injection Source(s) <u>Nitrogen Extraction Plant</u> <u>Uinta County, Wyoming</u>	Geologic Name(s) and Depth of Source(s) <u>Nitrogen Extraction via Atmosphere</u>		
Geologic Name of Injection Zone <u>Nugget</u>	Depth of Injection Interval <u>13908</u> to <u>14705</u>		
a. Top of the Perforated Interval: <u>13928</u>	b. Base of Fresh Water: <u>2400'</u>	c. Intervening Thickness (a minus b) <u>11528'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>X</u> YES <u>      </u> NO			
Lithology of Intervening Zones <u>Gannet (clay stone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>25</u> MMSCFD <u>      </u> B/D <u>5500</u> <u>      </u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of a unit agreement.</u>			

State of Utah ) Amoco Production Company  
 County of Salt Lake ) Applicant

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

SEAL

My commission expires \_\_\_\_\_

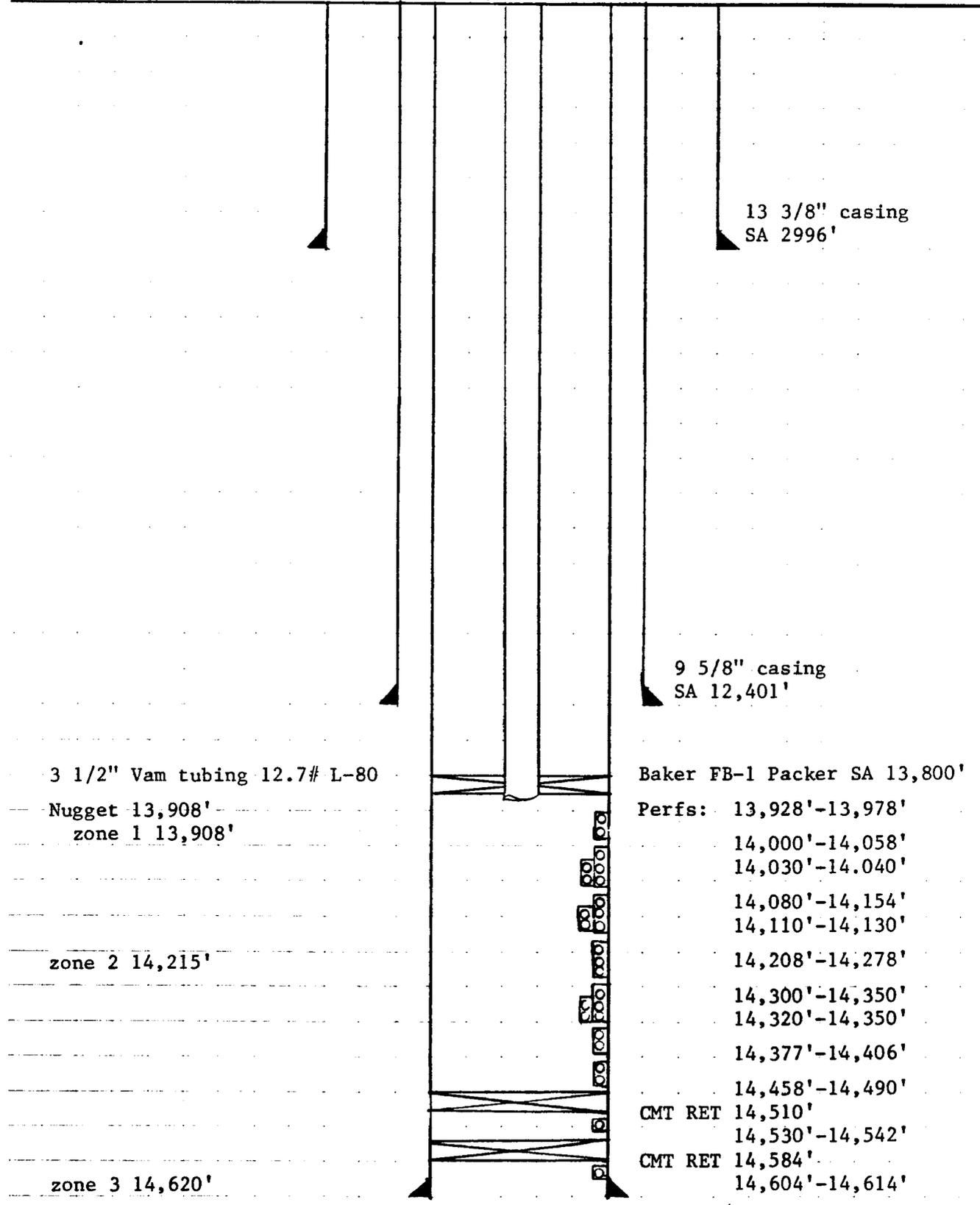
Notary Public in and for \_\_\_\_\_

(OVER)



641 FNL 1183 FEL Sec. 26, T4N, R8E Summit County, UT

8228 KB 8206 GL



13 3/8" casing  
SA 2996'

9 5/8" casing  
SA 12,401'

3 1/2" Vam tubing 12.7# L-80

Nugget 13,908'  
zone 1 13,908'

zone 2 14,215'

zone 3 14,620'

PBTD 14,619'

Baker FB-1 Packer SA 13,800'

Perfs: 13,928'-13,978'

14,000'-14,058'

14,030'-14,040'

14,080'-14,154'

14,110'-14,130'

14,208'-14,278'

14,300'-14,350'

14,320'-14,350'

14,377'-14,406'

14,458'-14,490'

CMT RET 14,510'

14,530'-14,542'

CMT RET 14,584'

14,604'-14,614'

7" casing 32# SA 14,625'

ARE W36-08 - Operating Data

Twin Creek

lithology - limestone  
thickness - 1728'  
depth - 12180'

Nugget

lithology - sandstone  
thickness - 797'  
depth - 13908'

Ankareh

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

8

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

Fee

LEASE DESIGNATION AND SERIAL NO.

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Island Ranching "E"

WELL NO.

#2 (W36-02)

FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 36, T4N, R7E

COUNTY OR PARISH  
Summit

STATE  
Utah

RECEIVED  
MAR 1982  
DIVISION OF OIL GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

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

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 1590' FNL & 1193' FEL SE/4 NE/4

At top prod. interval reported below

At total depth 1863' FNL & 632' FEL

14. PERMIT NO. 43-043-30167 DATE ISSUED 3-23-81

15. DATE SPUNDED 3/24/81 16. DATE T.D. REACHED 1-27-82 17. DATE COMPL. (Ready to prod.) 3/30/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 8206' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 14,727' 21. PLUG, BACK T.D., MD & TVD 14,510' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → Surf. to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 14,320' - 14,350' Nugget 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR; DIL-SFL; Sonic; DIL, Cyberdip, Dipmeter, CRD 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#-68#	2973'	17 1/2"	3800 sx	
9 5/8"	43.5#-62.8#	12,401'	12 1/4"	900 sx	
7"	26#-35#	14,655'	8 1/2"	600 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	14,300'	14,280'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,015' - 14,040'	w/4	JSPF	*14,015'-040'	Acidized w/2500 gal. 7 1/2% HCL
14,110' - 14,130'	"	"	**14,110' - 130'	Acidized w/2000 gal. 7 1/2% HCL
14,320' - 14,350'	"	"	14,320' - 350'	Acidized w/2500 gal. 7 1/2% HCL
14,530' - 14,542'	"	"	*14,530' - 542'	Acidized w/1200 gal. 7 1/2% HCL

33.\* PRODUCTION\*14,604' - 614' Acidized w/1000 gal. 7 1/2%HCL

DATE FIRST PRODUCTION 3/31/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 3/6/82 HOURS TESTED 9 1/2 CHOKE SIZE 25/64 PROD'N. FOR TEST PERIOD → OIL—BBL. 301 GAS—MCF. 2011 WATER—BBL. 23 GAS-OIL RATIO 6680:1

FLOW. TUBING PRESS. 1150 CASING PRESSURE 420 CALCULATED 24-HOUR RATE → OIL—BBL. 760 GAS—MCF. 5080 WATER—BBL. 58 OIL GRAVITY-API (CORR.) --

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

35. LIST OF ATTACHMENTS

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

SIGNED, [Signature] TITLE Administrative Supervisor DATE 3-26-82

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

\*squeezed w/100 sx Class "G" cement  
\*\*currently monitoring interval

## INSTRUCTIONS

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

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

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

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

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

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

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

No DST's

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Core #1	13,950'	14,010'	Cut 60', Rec. 60' Sandstone
#2	14,010'	14,070'	Cut 60', Rec. 60' "
#3	14,070'	14,128'	Cut 58', Rec. 58' "
#4	14,128'	14,188'	Cut 60', Rec. 60' "
#5	14,188'	14,248'	Cut 60', Rec. 60' "
#6	14,248'	14,308'	Cut 60', Rec. 60' "
#7	14,308'	14,368'	Cut 60', Rec. 60' "
#8	14,368'	14,431'	Cut 63', Rec. 63' "
#9	14,431'	14,491'	Cut 60', Rec. 60' "
#10	14,491'	14,548'	Cut 57', Rec. 57' "
#11	14,548'	14,608'	Cut 60', Rec. 60' "
#12	14,608'	14,688'	Cut 80', Rec. 80' "
#13	14,688'	14,727'	Cut 39', Rec. 39' "

### 38.

### GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Surface		
Twin Creek	12,185'	
Nugget	13,906'	



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

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

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

April 26, 1983

Park Record  
Legal Advertising  
Park City, UT 84060

RE: CAUSE NO. UIC-020

Gentlemen:

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

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

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

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*TP for*  
*Paula J. Frank*

PAULA FRANK  
Secretary of the Board

Attachment



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

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

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

April 26, 1983

Summitt County Bee  
Legal Advertising  
Coalville, UT 84017

Re: CAUSE NO. UIC-020

Gentlemen:

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

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

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

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*TP for*  
*Paula J. Frank*

PAULA FRANK  
Secretary of the Board

Attachment



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

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

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

April 26, 1983

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

Re: CAUSE NO. UIC-020

Gentlemen:

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

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

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

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*AP for*  
*Paula J. Frank*

PAULA FRANK  
Secretary of the Board

Attachment



May 31, 1983

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

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

Gentlemen:

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

Township 4 North, Range 7 East

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

Township 4 North, Range 8 East

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

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

Sincerely,

  
Dr. G.A. (Jim) Shirazi  
Director

GS/TP/tp

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

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

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

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

Township 4 North, Range 7 East

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

Township 4 North, Range 8 East

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

INJECTION WELLS



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	SENE, 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- <del>06</del> 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- <u>95008</u> ? 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	SENE, 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	SENE, 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

20

Production wells (cont.)

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

Injection wells

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

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

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

Thank you,



R. M. Ramsey  
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

July 22, 1987

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

Dear Mr. Smith:

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

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

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

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

Sincerely,

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

Dorothy B. Swindel  
UIC Geologist

mfp  
0256U/41

Notice of hearing was sent to the following:

Newspaper Agency Corp.  
Summitt County Bee  
Park Record

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

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

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

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

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

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

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

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



**Amoco Production Company**

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

N. E. Spencer  
District Manager

August 20, 1987

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

Attn: Dorothy Swindle

File: LOB-107-537.5

Casing Integrity Testing  
Anschutz Ranch East Nitrogen Injection Wells

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

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

Sec 36, 4N 7E

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

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

N. E. Spencer

DNP/djw

cc: Kathy Bauman - Denver  
Reid Smith - Evanston

9/11/87  
AUG 24 1987  
DIVISION OF OIL  
GAS & MINING



**Amoco Production Company**

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

N. E. Spencer  
District Manager

August 20, 1987

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

Attn: Dorothy Swindle

File: LOB-107-537.5

Casing Integrity Testing  
Anschutz Ranch East Nitrogen Injection Wells

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

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

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

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N. E. Spencer

DNP/djw

cc: Kathy Bauman - Denver  
Reid Smith - Evanston

RECEIVED

AUG 24 1987

DIVISION OF OIL  
GAS & MINING



**Amoco Production Company**

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

N. E. Spencer  
District Manager

August 28, 1987

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

Attn: Dorothy Swindle

File: LOB-108-537.5

Casing Integrity Testing  
Anschutz Ranch East Nitrogen Injection Wells

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

*N.E. Spencer*  
N. E. Spencer

DNP/djw

Attachments

RECEIVED

AUG 31 1987

DIVISION OF OIL  
GAS & MINING





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

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

July 14, 1992

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

Gentlemen:

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

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

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

Page 2  
Pressure Test  
July 14, 1992

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

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

Sincerely,



Gil Hunt  
UIC Program Manager

ldc  
Attachment  
WOI52

SS

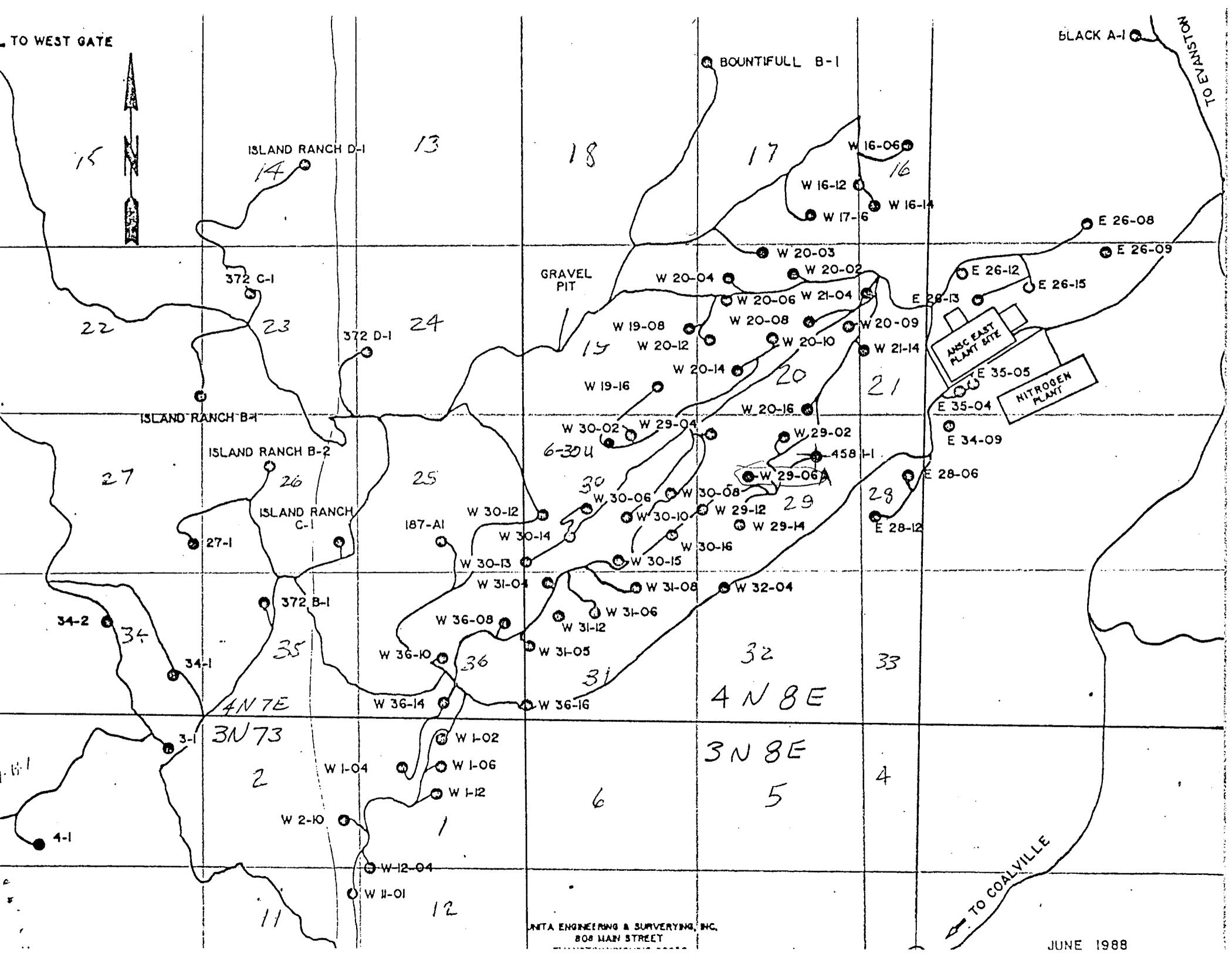
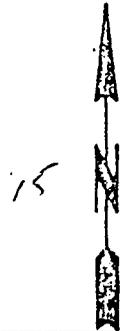
WELLS TO BE TESTED

#W20-02  
W29-02  
W29-12  
W29-14A  
W02-10  
W16-14  
W19-08  
W20-08  
W20-14  
W30-08  
W30-14  
W36-08  
W31-05

TO WEST GATE

BLACK A-1

TO EVANSTON



ANTA ENGINEERING & SURVEYING, INC.  
808 MAIN STREET

JUNE 1988

AMOCO PRODUCTION COMPANY  
ISLAND RANCH E-2

W36-08

4N 7E - 36

MS-15220  
07/25/81

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
2994	TIE COORDINATES		2994.00	0.00 N	0.00 E	0.00	0.00
3056	S 49 0 E	1 23	3055.99	0.50 S	0.56 E	0.56	2.23
3149	S 47 0 E	1 47	3148.96	2.22 S	2.47 E	2.44	0.43
3242	S 44 0 E	1 52	3241.91	4.30 S	4.58 E	4.53	0.14
3335	S 52 0 E	1 45	3334.86	6.26 S	6.75 E	6.67	0.30
3428	S 50 0 E	2 0	3427.81	8.18 S	9.11 E	9.01	0.28
3521	S 59 0 E	2 8	3520.75	10.12 S	11.84 E	11.71	0.38
3614	S 58 0 E	2 15	3613.69	11.98 S	14.87 E	14.72	0.13
3707	S 58 0 E	2 15	3706.61	13.91 S	17.97 E	17.79	0.00
3800	S 60 0 E	2 15	3799.54	15.79 S	21.10 E	20.90	0.08
3893	S 63 0 E	2 22	3892.47	17.58 S	24.39 E	24.17	0.18
3986	S 65 0 E	2 30	3985.38	19.30 S	27.94 E	27.70	0.17
4079	S 64 0 E	3 0	4078.27	21.23 S	31.97 E	31.70	0.54
4172	S 65 0 E	2 40	4171.16	23.21 S	36.11 E	35.82	0.36
4265	S 70 0 E	2 30	4264.06	24.82 S	39.98 E	39.67	0.30
4358	S 15 0 W	2 30	4357.00	27.47 S	41.36 E	41.01	3.63
4451	S 81 0 E	2 30	4449.94	29.75 S	42.84 E	42.46	3.99
4544	S 80 0 E	2 30	4542.85	30.42 S	46.84 E	46.46	0.05
4637	S 83 0 E	2 15	4635.77	30.99 S	50.65 E	50.26	0.30
4730	S 80 0 E	2 25	4728.69	31.56 S	54.39 E	53.99	0.22
4823	N 89 0 E	2 10	4821.62	31.87 S	58.08 E	57.68	0.54
4916	N 90 0 E	2 5	4914.55	31.83 S	61.53 E	61.13	0.10
5009	S 88 0 E	1 45	5007.50	31.88 S	64.64 E	64.23	0.37
5102	N 90 0 E	1 40	5100.45	31.93 S	67.41 E	67.01	0.11
5195	S 79 0 E	1 40	5193.41	32.19 S	70.09 E	69.68	0.34
5288	S 80 0 E	1 25	5286.38	32.65 S	72.55 E	72.14	0.27
5381	N 74 0 E	1 0	5379.35	32.63 S	74.46 E	74.05	0.73
5474	N 57 0 E	0 30	5472.34	32.18 S	75.58 E	75.17	0.58
5567	N 32 0 E	0 52	5565.33	31.36 S	76.30 E	75.90	0.50
5660	N 9 0 E	1 0	5658.32	29.97 S	76.80 E	76.41	0.42
5753	N 6 0 E	1 10	5751.30	28.22 S	77.02 E	76.66	0.19
5846	N 4 0 E	1 7	5844.28	26.38 S	77.18 E	76.85	0.07
5939	N 4 0 W	1 7	5937.26	24.57 S	77.18 E	76.87	0.17
6032	N 5 0 W	1 0	6030.24	22.86 S	77.05 E	76.76	0.13
6125	N 7 0 W	1 0	6123.22	21.24 S	76.88 E	76.61	0.04
6218	N 10 0 W	1 0	6216.21	19.64 S	76.64 E	76.39	0.06
6311	N 3 0 W	0 45	6309.20	18.23 S	76.47 E	76.23	0.29
6404	N 15 0 W	0 37	6402.19	17.14 S	76.31 E	76.09	0.21
6497	N 20 0 W	0 23	6495.18	16.36 S	76.07 E	75.86	0.26
6590	N 12 0 E	0 15	6588.18	15.87 S	76.01 E	75.80	0.23

AMOCO PRODUCTION COMPANY  
ISLAND RANCH E-2

MS-15220  
07/25/81

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
6683	N 5 0 E	0 15	6681.18	15.47 S	76.07 E	75.87	0.03
6776	N 44 0 E	0 15	6774.17	15.12 S	76.23 E	76.03	0.18
6869	N 50 0 E	0 15	6867.17	14.85 S	76.52 E	76.33	0.03
6962	N 8 0 E	0 10	6960.16	14.58 S	76.70 E	76.51	0.18
7055	N 25 0 W	0 7	7053.16	14.36 S	76.67 E	76.49	0.10
7148	N 11 0 W	0 10	7146.16	14.14 S	76.61 E	76.43	0.07
7241	N 15 0 E	0 10	7239.15	13.88 S	76.62 E	76.44	0.08
7334	N 31 0 E	0 10	7332.15	13.63 S	76.72 E	76.55	0.05
7427	N 1 0 E	0 10	7425.14	13.38 S	76.80 E	76.62	0.09
7520	N 65 0 W	0 2	7518.14	13.24 S	76.77 E	76.60	0.17
7613	N 21 0 W	0 10	7611.14	13.10 S	76.70 E	76.53	0.16
7706	N 48 0 W	0 8	7704.13	12.90 S	76.57 E	76.40	0.08
7799	N 15 0 W	0 17	7797.13	12.61 S	76.43 E	76.27	0.20
7892	N 8 0 W	0 20	7890.13	12.12 S	76.33 E	76.18	0.07
7985	N 16 0 E	0 20	7983.12	11.59 S	76.37 E	76.22	0.15
8078	N 32 0 E	0 5	8076.12	11.27 S	76.48 E	76.33	0.27
8171	N 45 0 E	0 5	8169.11	11.17 S	76.56 E	76.42	0.02
8264	S 14 0 W	0 5	8262.11	11.18 S	76.60 E	76.45	0.17
8357	S 17 0 W	0 5	8355.11	11.31 S	76.56 E	76.41	0.00
8450	S 26 0 E	0 5	8448.10	11.44 S	76.57 E	76.42	0.07
8543	N 44 0 E	0 7	8541.10	11.43 S	76.67 E	76.52	0.18
8636	S 81 0 E	0 15	8634.09	11.39 S	76.93 E	76.78	0.22
8729	S 63 0 E	0 15	8727.09	11.52 S	77.31 E	77.16	0.08
8822	N 70 0 E	0 15	8820.09	11.54 S	77.68 E	77.53	0.21
8915	N 70 0 E	0 22	8913.08	11.37 S	78.15 E	78.01	0.13
9008	N 75 0 E	0 25	9006.08	11.18 S	78.76 E	78.61	0.07
9101	N 79 0 E	0 25	9099.07	11.03 S	79.42 E	79.27	0.03
9194	N 56 0 E	0 30	9192.07	10.74 S	80.09 E	79.95	0.22
9287	N 63 0 E	0 30	9285.07	10.33 S	80.79 E	80.65	0.07
9380	N 63 0 E	0 30	9378.06	9.96 S	81.51 E	81.38	0.00
9473	N 60 0 E	0 25	9471.06	9.60 S	82.16 E	82.04	0.09
9566	N 46 0 E	0 22	9564.05	9.23 S	82.67 E	82.55	0.12
9659	N 44 0 E	0 30	9657.05	8.73 S	83.17 E	83.05	0.14
9752	N 5 0 E	0 15	9750.05	8.24 S	83.47 E	83.36	0.37
9845	N 16 0 E	0 15	9843.04	7.84 S	83.54 E	83.43	0.05
9938	N 20 0 E	0 15	9936.04	7.45 S	83.66 E	83.56	0.02
10031	N 41 0 E	0 22	10029.04	7.04 S	83.93 E	83.83	0.17
10124	N 20 0 E	0 37	10122.03	6.34 S	84.30 E	84.21	0.33
10217	N 23 0 E	0 45	10215.03	5.31 S	84.70 E	84.63	0.15
10310	N 23 0 E	0 45	10308.02	4.19 S	85.18 E	85.12	0.00

AMOCO PRODUCTION COMPANY  
ISLAND RANCH E-2

MS-15220  
07/25/81

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
10403	N 23 0 E	0 50	10401.01	3.01 S	85.68 E	85.64	0.09
10496	N 33 0 E	0 47	10493.99	1.85 S	86.29 E	86.26	0.16
10589	N 50 0 E	0 37	10586.98	1.00 S	87.02 E	87.00	0.28
10682	N 56 0 E	0 38	10679.99	0.39 S	87.83 E	87.82	0.07
10775	N 45 0 E	0 30	10772.97	0.19 N	88.54 E	88.54	0.18
10868	N 59 0 E	0 22	10865.96	0.64 N	89.09 E	89.09	0.18
10961	N 67 0 E	0 22	10958.96	0.90 N	89.62 E	89.62	0.06
11054	N 66 0 E	0 8	11051.95	1.06 N	89.99 E	90.00	0.25
11147	N 83 0 E	0 15	11144.96	1.13 N	90.29 E	90.30	0.14

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.  
THE VERTICAL SECTION WAS COMPUTED ALONG N 89 17 E  
A DECLINATION OF 15 0 EAST HAS BEEN APPLIED.

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE  
DISPLACEMENT IS 90.30 FEET, IN THE DIRECTION OF N 89 17 E  
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.  
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST  
\*\*\*\*\*

TEST DATE: 8-11-92 WELL OWNER/OPERATOR: Amoco-Rockmont

DISPOSAL WELL:        ENHANCED RECOVERY WELL: ✓ OTHER:       

API NO: 43-043-36167 WELL NAME/NUMBER: AREU # W-26-05

SECTION: 36 TOWNSHIP: 4N RANGE: 7E

INITIAL CONDITIONS:

TUBING - rate:                    pressure: 4825

CASING/TUBING ANNULUS - pressure: 300

CONDITIONS DURING TEST:

TUBING pressure: 4825 psi for 15 minutes

CASING/TUBING ANNULUS pressure: 1050 psi 15 min

annulus pressure drop during test: None psi

CONDITIONS AFTER TEST:

TUBING pressure: 4325 psi

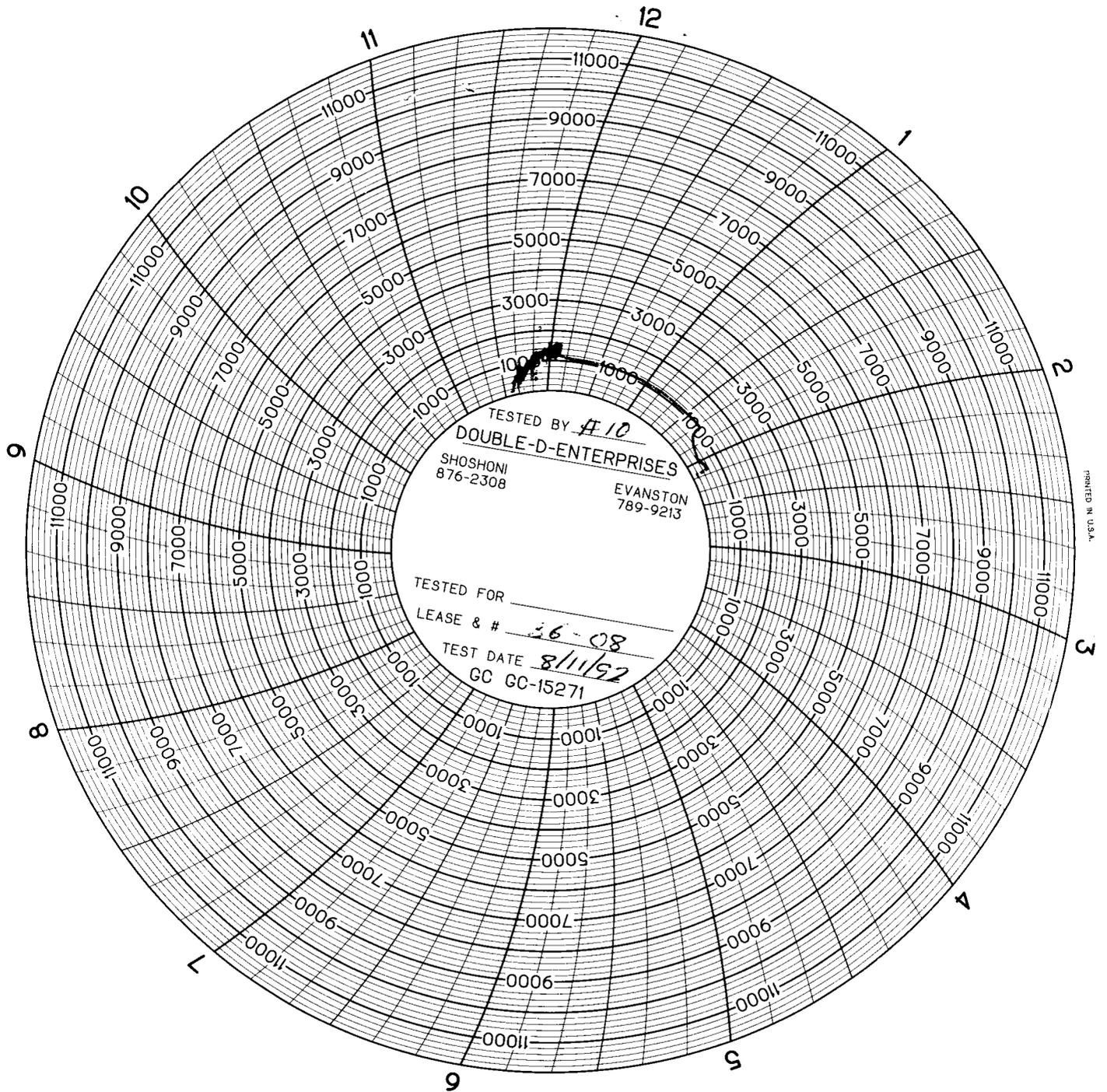
CASING/TUBING ANNULUS pressure: 400 psi

REMARKS:

OK  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Russell J. Dranger  
OPERATOR REPRESENTATIVE

John M. [Signature]  
DOGM WITNESS



CLASS II FILE NOTATIONS

\*\*\*\*\*

DATE FILED: 4-8-83 OPERATOR: Amoco Prod. Co. USA WELL NO. ARE W36-08 *Island Ranching*  
Sec. 36 T. 4N R. 7E QRT/QRT: NE COUNTY: Summit  
New Well?        Conversion?        Disposal        Enhanced Recovery       

\*\*\*\*\*

SURETY/Bond? Yes Card Indexed?        API Number: 43-043-30167

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? Yes

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

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

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

Schematic diagram of Well: TD: 14727, PBTD: 14619', Depth of Inj/Disp interval: 13908-14705, geologic name of inj/dis interval Mugget, Casing and cement: top 2972, bottom 14654, Size of: casing 13 3/8" @ 2972, 9 5/8" @ 12401, 7" @ 14654 tubing 3 1/2" @ 13,908', depth of packer: 13800'. Assessment of existing cement bond: Good

Location of Bottomhole:       . MAXIMUM INJECTION RATE: 25 MMSCFD  
MAXIMUM SURFACE INJECTION PRESSURE: 5500 psi.

Proposed Operating Data:

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

Injection zone and confining zone data: lithologic description Clay stone, sandstone, shale & limestone, geologic name       , thickness 11528', depth       , lateral extent Centering

USDW's that may be affected by injection: geologic name       , lateral extent       , depth to the top and bottom of all known USDW's Base of fresh water 2400'.

Contingency plans? Yes - \*See unit file

Results of formation testing? Yes - \*  
Description of mechanical integrity test \*Yes, injection procedure See Unit file for attachments & logs.

\*\*\*\*\*

CHECKED BY: UIC ADMINISTRATOR:       

UIC GEOLOGIST:       

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

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

**INJECTION WELL - PRESSURE TEST**

Test Date: <u>11/13/97</u>	Well Owner/Operator: <u>AMOCO ROCKMONT CO.</u>	
Disposal Well: _____	Enhanced Recovery Well: _____	Other: <u>GIW</u>
API No.: <u>43-043-30167</u>	Well Name/Number: <u>ANSCHUTZ RANCH EAST W 36-08</u>	
Section: <u>36</u>	Township: <u>4N</u>	Range: <u>7E</u>

**Initial Conditions:**

Tubing - Rate: Shut in Pressure: 3700 psi

Casing/Tubing Annulus - Pressure: 250 psi

**Conditions During Test:**

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1150</u>	<u>3700</u>
5	<u>1100</u>	<u>3700</u>
10	<u>1100</u>	<u>3700</u>
15	<u>1100</u>	<u>3700</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

**Conditions After Test:**

Tubing Pressure: 3700 psi

Casing/Tubing Annulus Pressure: 250 psi

**REMARKS:**

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Operator Representative

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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number:  
FEE

6. If Initial, Abandon or Title Matter:

7. Unit Agreement Name:  
ANSCHUTZ RANCH EAST

8. Well Name and Number:  
ARE W36-08

9. API Well Number:  
430433016700

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
BP AMOCO

3. Address and Telephone Number:  
P.O. BOX 3092, HOUSTON, TEXAS, 77079-2696 PH 281-366-2036

4. Location of Well  
Footprint: 1641' FNL x 1183' FEL  
Co. Sec., T., R., M.: SECTION 36, TWP. 4N, RANGE: 7E

County: SUMMIT  
State: UTAH

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

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

Abandon  
 Repair Casing  
 Change of Plans  
 Convert to Injection PRODUCER  
 Fracture Treat or Acidize  
 Multiple Completion  
 Other

New Construction  
 Pull or Alter Casing  
 Recomplete  
 Reperforate  
 Vent or Flare  
 Water Shut-Off

Approximate date work will start MAY 15, 1999

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

Abandon  
 Repair Casing  
 Change of Plans  
 Convert to Injection  
 Fracture Treat or Acidize  
 Other

New Construction  
 Pull or Alter Casing  
 Reperforate  
 Vent or Flare  
 Water Shut-Off

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

Report results of Multiple Completions and Re-completions in 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 azimuthal bearings and measure and true vertical depths for all sections and zones pertinent to this work.)

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

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

COPIES SENT TO OPERATOR  
DATE: 5/16/99  
INITIALS: CHD

13. Name & Signature: Jerry Myhr Title: PETROLEUM ENGR Date: 4/28/99

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number:  
FEE

**SUNDRY NOTICES AND REPORTS ON WELLS**

8. If Inher, Assign or Trust 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:  
ANSCHUTZ RANCH EAST

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
ARE W36-08

2. Name of Operator:  
BP AMOCO

9. API Well Number:  
430433016700

3. Address and Telephone Number:  
PH 281-366-2036  
P.O. Box 3092, Houston, Texas, 77079-2696

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

4. Location of Well  
Footage: 1641' FNL x 1183' FEL

County: SUMMIT

Oil, Sec., T., R., M.: SECTION 36, TWP: 4N, RANGE: 7E

State: UTAH

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

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

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

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

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

Approximate date work will start MAY 15, 1999

Date of work completion COMPLETED JUNE 3, 1999

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

\* Must be accompanied by a cement verification report.

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

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

\* THE WELL WAS CONVERT TO PRODUCING STATUS WITHOUT INCIDENT.

13  
Name & Signature: Leah Myhr Title: PETROLEUM ENGR Date: 6/4/99

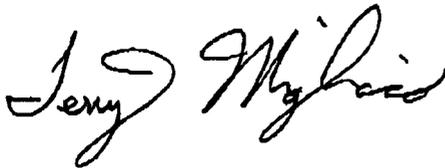
(This space for State use only)

**To:** Stacy Swingle  
Kenton Schoch

**Date:** June 4, 1999

**Subject:** Anschutz Ranch East W36-08 Water Shutoff Procedure

Please see attached a procedure for running production logs and shutting off water in well W36-08. This well was recently converted from a nitrogen injector to a producer and is producing an excessive amount of water. Offset well W36-10, is positioned in the same structural position as W36-08 and also produced large volumes of water until it was plugged back. W36-08 will likely need a plug at a similar depth as W36-10. A production log will be run to determine the exact depth of the plug back. The majority of the water is expected to be coming from zone 3 in the Nugget sand. This work over is not expected to exceed \$50 M gross for running the production log and setting the bridge plug. Should you have any questions please contact me in Houston at 281-366-2036.



Terry Miglicco  
Operations Engineer

**Workover Procedure**  
**Anschutz Well No. W36-08**

Location: Section 36, T4N-R7E

County: Summit

State: Utah

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

**Caution:** please review well history and completion diagram in detail before running in the hole. Smallest ID per diagram is located at approximately 13,860 ft and is 2.205".

**Procedure:**

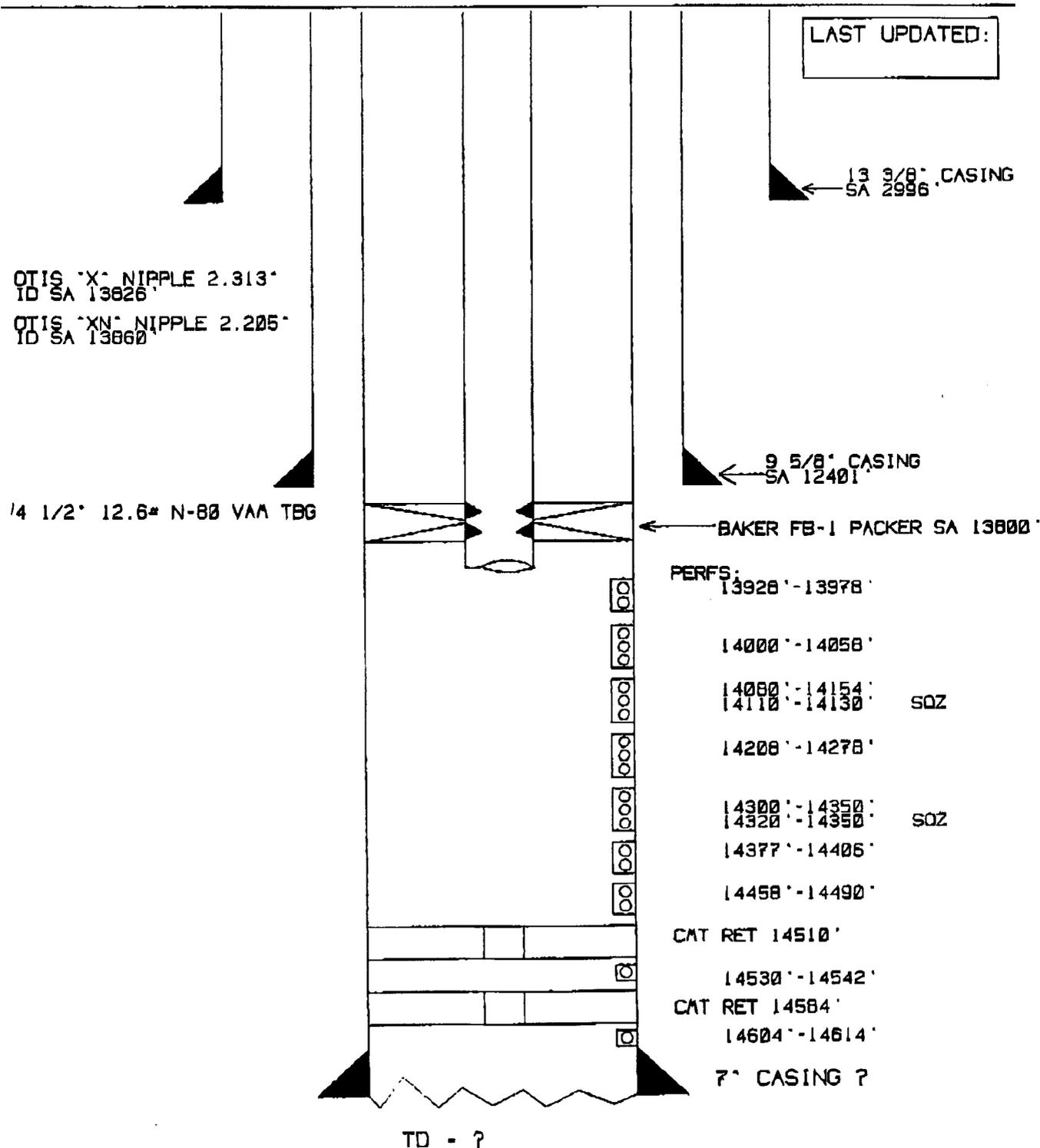
- 1.) MIRU Schlumberger electric line unit and conduct pre-workover safety meeting.
- 2.) Shut in well and shutoff chemical injection (if applicable).
- 3.) Rigup lubricator and pressure test using water.
- 4.) RIH with gauge ring and tag PBTD at approximately 14,510 ft.
- 5.) With the well shutin RIH with gamma ray, temperature gauge, pressure gauge and fullbore spinner.
- 6.) Make stops every 1,000 ft for 5 minutes to check gas gradient.
- 7.) Once on bottom open well and make flowing well passes.
- 8.) Pull out of the hole with the well flowing while stopping every 1,000 ft for 5 minutes to approximately 5,000 ft. Then shut well in.
- 9.) POOH and rig down production log.  
\*\*\*\*\* Discuss log results with Houston and determine BP depth\*\*\*\*\*
- 10.) RIH with permanent thru tubing inflatable bridge plug to pass a minimum ID of 2.205" ID and set in 7" casing.
- 11.) Set TTBP at discussed depth (per CNL/FDC log dated 1/20/82).
- 12.) POOH w/ running tool and pickup dump bailer.
- 13.) Dump bail approximately cement on top of bridge plug as recommended.
- 14.) POOH and let well set overnight. Return well to production in the morning.
- 15.) Monitor rates / pressures and report to operations engr. Accordingly

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

# - ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W36-08

LOCATION: 1641' FNL X 1183' FEL, SEC. 36, T4N, R7E

ELEVATION: 8228' KB / 8206' GL



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SENT 6/4

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:  
FEE

6. If Incon, Address or Title Name:

7. Unit Agreement Name:  
ANSCHUTZ RANCH EAST

8. Well Name and Number:  
ARE W36-08

9. API Well Number:  
4304330167

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

1. Type of Well: OIL  GAS  OTHER:

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

3. Address and Telephone Number:  
P.O. BOX 3092, HOUSTON, TEXAS, 77079-2696

4. Location of Well  
 Township: 1641' FNL x 1183' FEL  
 County: SUMMIT  
 Sec., T., R., M.: SECTION 36, TWP 4N, RANGE 7E  
 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"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input checked="" type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Other _____			

Approximate date work will start JUNE 15, 1999

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

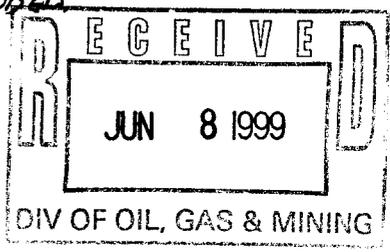
Report results of Multiple Completions and Reperforations to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

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

(SEE ATTACHED PROCEDURE)



13. Name & Signature: Ferry M. [Signature] Title: PETROLEUM ENGINEER Date: 6/4/99

(This space for State use only)

**To:** Stacy Swingle  
Kenton Schoch

**Date:** June 4, 1999

**Subject:** Anschutz Ranch East W36-08 Water Shutoff Procedure

Please see attached a procedure for running production logs and shutting off water in well W36-08. This well was recently converted from a nitrogen injector to a producer and is producing an excessive amount of water. Offset well W36-10, is positioned in the same structural position as W36-08 and also produced large volumes of water until it was plugged back. W36-08 will likely need a plug at a similar depth as W36-10. A production log will be run to determine the exact depth of the plug back. The majority of the water is expected to be coming from zone 3 in the Nugget sand. This work over is not expected to exceed \$50 M gross for running the production log and setting the bridge plug. Should you have any questions please contact me in Houston at 281-366-2036.



Terry Miglicco  
Operations Engineer

**Workover Procedure**  
**Anschutz Well No. W36-08**

Location: Section 36, T4N-R7E

County: Summit

State: Utah

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

**Caution:** please review well history and completion diagram in detail before running in the hole. Smallest ID per diagram is located at approximately 13,860 ft and is 2.205".

**Procedure:**

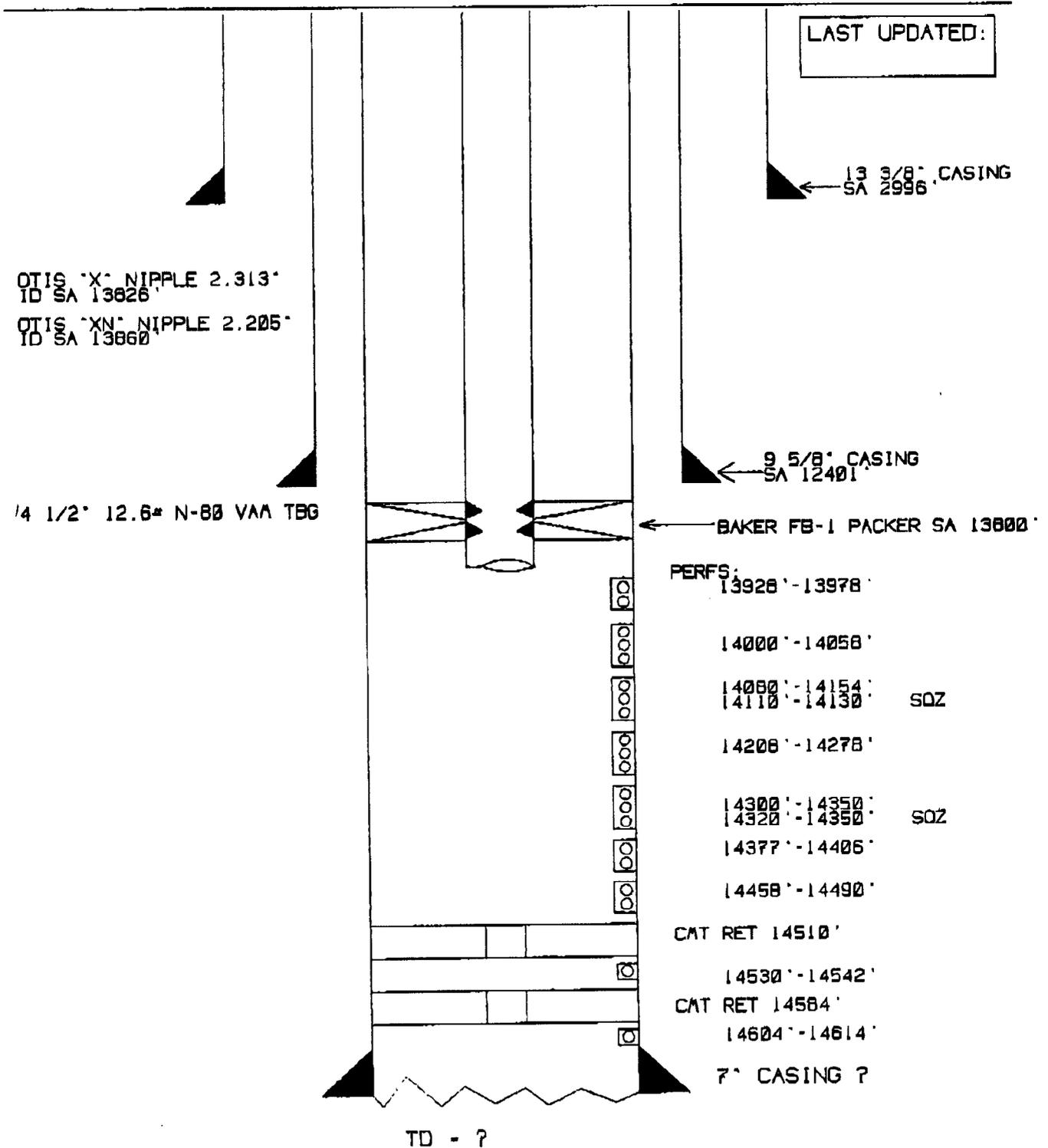
- 1.) MIRU Schlumberger electric line unit and conduct pre-workover safety meeting.
- 2.) Shut in well and shutoff chemical injection (if applicable).
- 3.) Rigup lubricator and pressure test using water.
- 4.) RIH with gauge ring and tag PBTD at approximately 14,510 ft.
- 5.) With the well shutin RIH with gamma ray, temperature gauge, pressure gauge and fullbore spinner.
- 6.) Make stops every 1,000 ft for 5 minutes to check gas gradient.
- 7.) Once on bottom open well and make flowing well passes.
- 8.) Pull out of the hole with the well flowing while stopping every 1,000 ft for 5 minutes to approximately 5,000 ft. Then shut well in.
- 9.) POOH and rig down production log.  
\*\*\*\*\* Discuss log results with Houston and determine BP depth\*\*\*\*\*
- 10.) RIH with permanent thru tubing inflatable bridge plug to pass a minimum ID of 2.205" ID and set in 7" casing.
- 11.) Set TTBP at discussed depth (per CNL/FDC log dated 1/20/82).
- 12.) POOH w/ running tool and pickup dump bailer.
- 13.) Dump bail approximately cement on top of bridge plug as recommended.
- 14.) POOH and let well set overnight. Return well to production in the morning.
- 15.) Monitor rates / pressures and report to operations engr. Accordingly

**Contacts:**

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

# - ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W36-08

LOCATION: 1641' FNL X 1183' FEL, SEC. 36, T4N, R7E  
 ELEVATION: 8228' KB / 8206' GL



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
**None**

6. If Indian, Allottee or Tribe Name:

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

8. Well Name and Number:  
**36-08**

9. API Well Number  
**43-043-30167**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER

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

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

4. Location of Well  
Footages: **1641' FNL & 1183' FEL** County: **Summit**  
QQ, Sec., T.,R.,M.: **SEC 36, T4N, R7E** State: **Utah**

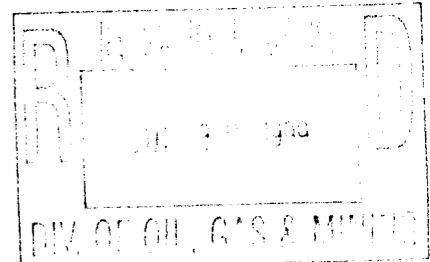
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____  Approximate date work will start _____	<input type="checkbox"/> Abandonment* <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <b>Conversion from injection to production</b>  Date of work completion <b>06/07/99</b>  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
**The subject well was converted from an injection well to a production well on 06/07/1999.**

13. Signature: *Heath Camp* Title: **Business Analyst** Date: 7/22/99

(This space for State use only)



**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: See Attached
1. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>	8. WELL NAME and NUMBER: See Attached	
2. NAME OF OPERATOR: Amoco Production Company		9. API NUMBER: Attached	
3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd, CITY Houston    STATE TX    ZIP 77079		PHONE NUMBER: (281) 366-5328	10. FIELD AND POOL, OR WILDCAT: See Attached
4. LOCATION OF WELL		COUNTY: See Attached	
FOOTAGES AT SURFACE: See Attached		STATE: UTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			

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>

**RECEIVED**

DEC 13 2001

DIVISION OF  
OIL, GAS AND MINING

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

**CERTIFICATE**

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

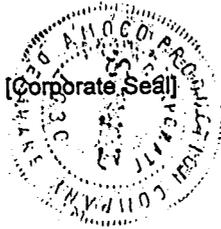
NOW, THEREFORE, BE IT,

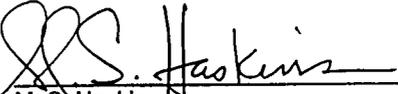
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

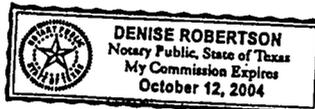
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

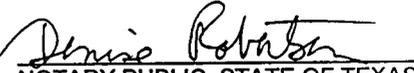


  
M. S. Haskins

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

(Notary Seal)



  
NOTARY PUBLIC, STATE OF TEXAS

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



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

FORM 9

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<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>

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:

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

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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,

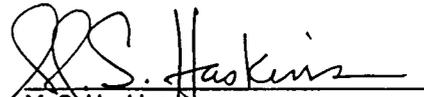
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3. That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

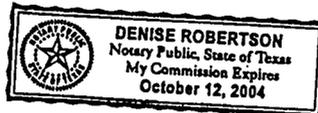
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

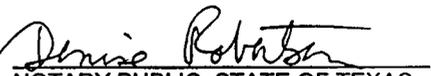


  
M. S. Haskins

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
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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





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: See Attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER See Attached		8. WELL NAME and NUMBER: See Attached
2. NAME OF OPERATOR: BP America Production Company		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv, <small>CITY</small> Houston <small>STATE</small> TX <small>ZIP</small> 77079		10. FIELD AND POOL, OR WILDCAT: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		COUNTY: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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	MS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	686	W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1592	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2460	E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	618	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1283	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	968	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1286	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENW	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENW	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENW	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENW	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENW	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1780	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

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

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

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

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: <u>FEE</u>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>ARE W-36-08</b>
2. NAME OF OPERATOR: <b>Merit Energy Company BP AMERICA PRODUCTION CO</b>		9. API NUMBER: <b>043-30167</b>
3. ADDRESS OF OPERATOR: <b>13727 Noel Rd. #500</b> CITY <b>Dallas</b> STATE <b>TX</b> ZIP <b>75240</b>		10. FIELD AND POOL, OR WILDCAT: <b>Anschutz Ranch, East</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1641' FNL &amp; 1183' FEL</b>		COUNTY: <b>Summit</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 36 T4N R7E</b>		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: <u>8/1/2003</u>	<input checked="" 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>Isolate bottom perms;</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Return to production</u>

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

Merit Energy proposes to isolate the bottom perms (14300' - 14490') by setting a CIBP. Acidize perms 13928' - 14278' and return well to production as follows:

MIRU pulling unit. ND tree. NU BOP. Release pkr. & TOH LD 3-1/2" tbg. MIRU WL. TIH w/GR to 14300'. TIH w/CIBP & set @ 14290'. Dump bail 10' cement plug on top of CIBP. RD WL. TIH w/2-7/8" tbg. & set @ 13,900'. ND BOP & NU tree. RD pulling unit. MIRU Service Company. Acidize Nugget perms 13928' - 14278' w/2520 gals 15% HCL foamed to 50Q w/N2. Jet well in w/N2. RD Service Company. Return well to production.

COPY SENT TO OPERATOR  
 Date: 8-6-03  
 Initials: CHD

NAME (PLEASE PRINT) Lynne Moon TITLE Sr. Regulatory Analyst

SIGNATURE *Lynne Moon* DATE 7/29/2003

(This space for State use only)

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 8/5/2003  
 BY: DSK/VA  
(See Instructions on Reverse Side)

**RECEIVED**  
**JUL 30 2003**  
 DIV. OF OIL, GAS & MINING

COPY

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>FFE</u>
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:
1. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>ARE W-36-08</b>
2. NAME OF OPERATOR: <b>Merit Energy Company BP AMERICA PRODUCTION Co</b>		9. API NUMBER: <b>043-30167</b>
3. ADDRESS OF OPERATOR: <b>13727 Noel Rd. #500</b> CITY <b>Dallas</b> STATE <b>TX</b> ZIP <b>75240</b>		10. FIELD AND POOL, OR WILDCAT: <b>Anschutz Ranch, East</b>
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: <b>1641' FNL &amp; 1183' FEL</b>		COUNTY: <b>Summit</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 36 T4N R7E</b>		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: <u>8/1/2003</u>	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Isolate bottom perms; Return to production</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____			

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

Merit Energy proposes to isolate the bottom perms (14300' - 14490') by setting a CIBP. Acidize perms 13928' - 14278' and return well to production as follows:

MIRU pulling unit. ND tree. NU BOP. Release pkr. & TOH LD 3-1/2" tbg. MIRU WL. TIH w/GR to 14300'. TIH w/CIBP & set @ 14290'. Dump bail 10' cement plug on top of CIBP. RD WL. TIH w/2-7/8" tbg. & set @ 13,900'. ND BOP & NU tree. RD pulling unit. MIRU Service Company. Acidize Nugget perms 13928' - 14278' w/2520 gals 15% HCL foamed to 50Q w/N2. Jet well in w/N2. RD Service Company. Return well to production.

COPY SENT TO OPERATOR  
 Date: 8-6-03  
 Initials: CHD

NAME (PLEASE PRINT) <u>Lynne Moon</u>	TITLE <u>Sr. Regulatory Analyst</u>
SIGNATURE <u><i>Lynne Moon</i></u>	DATE <u>7/29/2003</u>

(This space for State use only)



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:</b>	<b>ANSCHUTZ RANCH EAST</b>

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W01-06	01	030N	070E	4304330188	4540	FEE	GW	P
ARE W36-16	36	040N	070E	4304330157	4540	FEE	GW	P
ARE W36-08	36	040N	070E	4304330167	4540	FEE	GW	S
ARE W16-14	16	040N	080E	4304330096	4540	FEE	GW	S
ARE W16-06	16	040N	080E	4304330138	4540	FEE	GW	S
ARE W17-16	17	040N	080E	4304330176	4540	FEE	GW	S
ARE W20-08	20	040N	080E	4304330123	4540	FEE	GW	S
ARE W20-14	20	040N	080E	4304330145	4540	FEE	GW	P
ARE W20-16	20	040N	080E	4304330148	4540	FEE	GW	P
ARE W20-06	20	040N	080E	4304330159	4540	FEE	GW	S
ARE E21-14	21	040N	080E	4304330130	4540	FEE	GW	S
ARE W21-04	21	040N	080E	4304330135	4540	FEE	GW	S
ARE 29-04ST1	29	040N	080E	4304330129	4540	FEE	GW	P
ARE W29-02	29	040N	080E	4304330136	4540	FEE	GW	P
ARE W29-12	29	040N	080E	4304330154	4540	FEE	GW	P
ARE W30-16	30	040N	080E	4304330156	4540	FEE	GW	P
ARE W30-08	30	040N	080E	4304330183	4540	FEE	GW	P
ARE W30-14	30	040N	080E	4304330185	4540	FEE	GW	S
ARE W31-08	31	040N	080E	4304330164	4540	FEE	GW	P
ARE W31-04E	31	040N	080E	4304330165	4540	FEE	GW	S
ARE W32-04	32	040N	080E	4304330162	4540	FEE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

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

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 8/26/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 8/26/2003

3. Bond information entered in RBDMS on: 8/26/2003

4. Fee wells attached to bond in RBDMS on: 8/26/2003

**STATE WELL(S) BOND VERIFICATION:**

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

**FEDERAL WELL(S) BOND VERIFICATION:**

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

**INDIAN WELL(S) BOND VERIFICATION:**

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

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103912218

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

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

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

Dear Mr. Taylor:

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

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

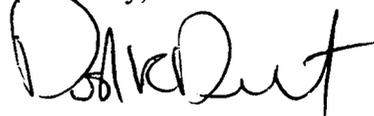
Page 2  
January 22, 2004  
Lance Taylor

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

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

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

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

jc  
cc: John Baza  
Well File

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

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

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

**STATE OF UTAH**  
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: <b>Fee</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>Anschutz Ranch East</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>ARE W 36-08</b>
2. NAME OF OPERATOR: <b>Merit Energy Company</b>		9. API NUMBER: <b>43-043-30200-30169</b>
3. ADDRESS OF OPERATOR: <b>13727 Noel, Ste 500</b> CITY <b>Dallas</b> STATE <b>TX</b> ZIP <b>75204</b>		10. FIELD AND POOL, OR WILDCAT: <b>Anschutz Ranch East</b>
PHONE NUMBER: <b>(972) 628-1658</b>		
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1641' FNL &amp; 1183' FEL</b>		COUNTY: <b>Summit</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 36 T4N R7E</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>11/10/2003</b>	<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 checked="" 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>Isolate bottom perms</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.

Merit Energy Company performed the following:

9/3-11/10/03: MIRU. Fill csg w/1 bbl wtr. Press test csg to 1500 psi. RU slickline. RIH w/GR to 13800'. RD. ND tree. NU BOP. Sting out of pkr @ 13800'. TOH w/4-1/2" tbg & LD. LD seal assembly. PU mill on 4-1/2" tbg. Tag pkr. Mill on pkr. POH w/tbg & LD. LD pkr. PU prod string. RU WL. Run pulsed neutron log across perms. RIH w/GR to 14250'. RIH w/CIBP. Set @ 14190'. Dump bail 10' of cmt on top of CIBP. RD. Tally & RIH w/2-7/8" tbg. ND BOP. NU tree. RDMO. Swab well. RU CTU. Acidize Nugget perms 13928-14278' w/3000 gals foam acid & jet perms. RD. Swab well. RWTP. RDMO.

Produced .020 MCF, 0 BO, 48 BW in 24 hours.

NAME (PLEASE PRINT) <u>Karla Stines</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE	DATE <u>2/13/2004</u>

(This space for State use only)

FEB 19 2004



MERIT ENERGY COMPANY

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

Date: February 13, 2004

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

Dear Mr. Doucet:

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

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

RECEIVED

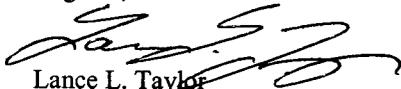
FEB 20 2004

DIV. OF OIL, GAS & MINING

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

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

Regards,

  
Lance L. Taylor  
Operations Engineer

Cc: Rusty Ginnetti  
Arlene Valliquette  
Dennis Longwell

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



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

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

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

Dear Mr. Taylor:

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

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

Page 2  
January 22, 2004  
Lance Taylor

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

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

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

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

jc  
cc: John Baza  
Well File

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

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

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



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

March 5, 2004

CERTIFIED RETURN RECEIPT NO. 7002 0510 0003 8602 4880

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

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

Dear Mr. Taylor,

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

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

Sincerely,

Dustin Doucet  
Petroleum Engineer

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

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

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

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

Mr. Dworshak,

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

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

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

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

Regards,

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



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

43 OAB 30167  
ARE W36-08  
4N 7E 36

July 6, 2010

CERTIFIED MAIL NO. 7004 1160 0003 0190 4574

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

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

Dear Ms. White:

As of June 30, 2010, Merit Energy Company (Merit) has eight (8) Fee Lease Wells that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status (see attachment A). These are in addition to the 7 wells given first notice and 10 wells issued a Notice of Violation this month as well. All wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

On August 26, 2008, the Division notified Merit by certified mail that wells 1 through 6 were in non-compliance or were about to be in non-compliance. Merit responded by letter dated October 17, 2008, and provided additional information at that time. Information was not provided for wells 5 and 6 on the attached list. The Division denied the request on January 21, 2009. Insufficient information was provided to approve the request for extended SI/TA. On February 2, 2009, the Division notified Merit by certified mail that wells 7 through 8 on the attached list were in non-compliance. Merit responded with a plan of action for all wells subject to this notice with the exception of wells 5 and 6 on the attached list by letter dated August 26, 2009. This plan of action also included plans for many of Merit's other non-compliance wells for which separate notices had been sent to Merit. It has been almost 1 year since the proposal was received and to date none of the proposed actions in that letter have been accomplished.

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



Page 2  
Ms. White  
July 6, 2010

For extended SI/TA consideration of each well on the SI/TA list, the operator shall provide the Division with the following:

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

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

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

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

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/js  
Attachment  
cc: Well File  
Operator Compliance File

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

## ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	ARE W31-08	4304330164	FEE	1.5
2	ARE W31-06	4304330217	FEE	3.4
3	ARE W20-12	4304330220	FEE	1.10
4	ARE E28-06	4304330226	FEE	1.5
5	ARE W36-08	4304330167	FEE	2.7
6	ARE 29-04ST1	4304330129	FEE	2.7
7	ARE W30-02	4304330218	FEE	2.9
8	ARE W30-06	4304330273	FEE	2.7