

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

Anschutz Ranch East Unit

8. Farm or Lease Name

Anschutz Ranch East

9. Well No.

W16-12

10. Field and Pool, or Wildcat

Anschutz Ranch East

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

Sec. 16, T4N, R8E

12. County or Parrish 13. State

Summit Utah

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 54' FEL 2312 FNL - Section 17

At proposed prod. zone 650' FWL & 2100' FSL Section 16

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

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

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

20. Rotary or cable tools

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

7379.2' GR

22. Approx. date work will start*

When approved

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
As required	20"-24"	106#	40' - 80'	Dependent on terrain
17 1/2"	13 3/8"	68# - 72#	4900'	50' into Aspen
12 1/4"	9 5/8"x 9 7/8"	47#-53.5#-62#	11600'	100-150' into Twin Creek
8 1/2"	7"	32#	14160'	TD-150' below GWC

PROPOSE TO DEVELOP NUGGET RESERVES

(See Attachments)

RECEIVED
APR 29 1983

DIVISION OF
OIL, GAS & MINING

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

24. Signed *Larry L. Smith*

Title Staff Administrative Analyst

Date 4/27/83

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by
Conditions of approval, if any:

Title

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

DATE: 4-29-83

BY: *[Signature]*

*See Instructions On Reverse Side

ATTACHMENT TO FORM OGC-1a

Anschutz Ranch East W16-12

1) Geologic name of the surface formation: Tertiary

2) Estimated tops of geological markers:

Aspen	4860
Garnett	6685
Preuss	10135
Salt	11060
Twin Creek	11485
Nugget	13010
Ankareh	13960

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

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

5) Mud Program:

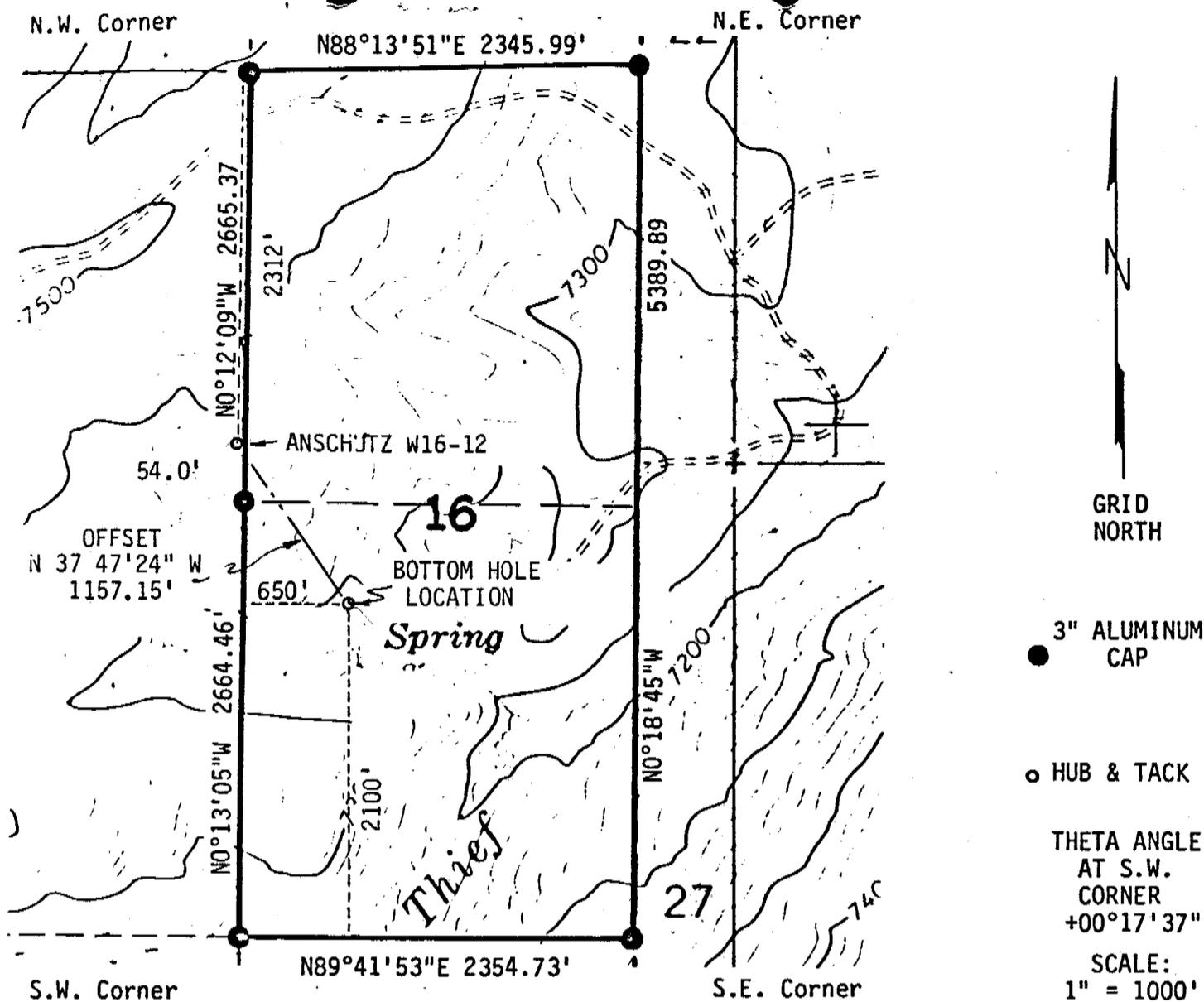
0-4900	Spud Mud	Minimum properties to maintain stable wellbore. Sweeps as necessary to adequate hole Cleaning.
4900'-11600'	Sat Salt	Minimum properties to maintain stable wellbore
11600'-13000'	Fresh Water	Sweeps as needed to clean hole
13000'-TD	LSND	Properties as needed to eliminate differential sticking

6) Logging Program:

DIL-DLL-GR	Base of Salt to Total Depth
BHC-Sonic-GR-Cal	Base of Surface casing to total depth
HDT-Cyberdip	Base of surface casing to total depth
FDC-CNL-GR-Cal	Base of Salt to Total depth
Gyro Directional	Surface to Total Depth

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

Section 16, Township 4 North, Range 8 East



I, Loyal D. Olson, III of Evanston, Wyoming, do hereby certify that in accordance with a request from Jon Jensen of Evanston for Anoco Production Co., that a survey was made under my direction and authority on the 19th day of April, 1983, for the Location and Elevation of the Anschutz W16-12 Well, as shown on the above map. The wellsite is located in the SE 1/4 NE 1/4, of Section 17, T.4 N., R.8 E., of the Salt Lake Base & Meridian, Summit County, Utah.

Elevation is 7379.2 feet Top Hub.

BASIS OF BEARINGS AND ELEVATION DATUM

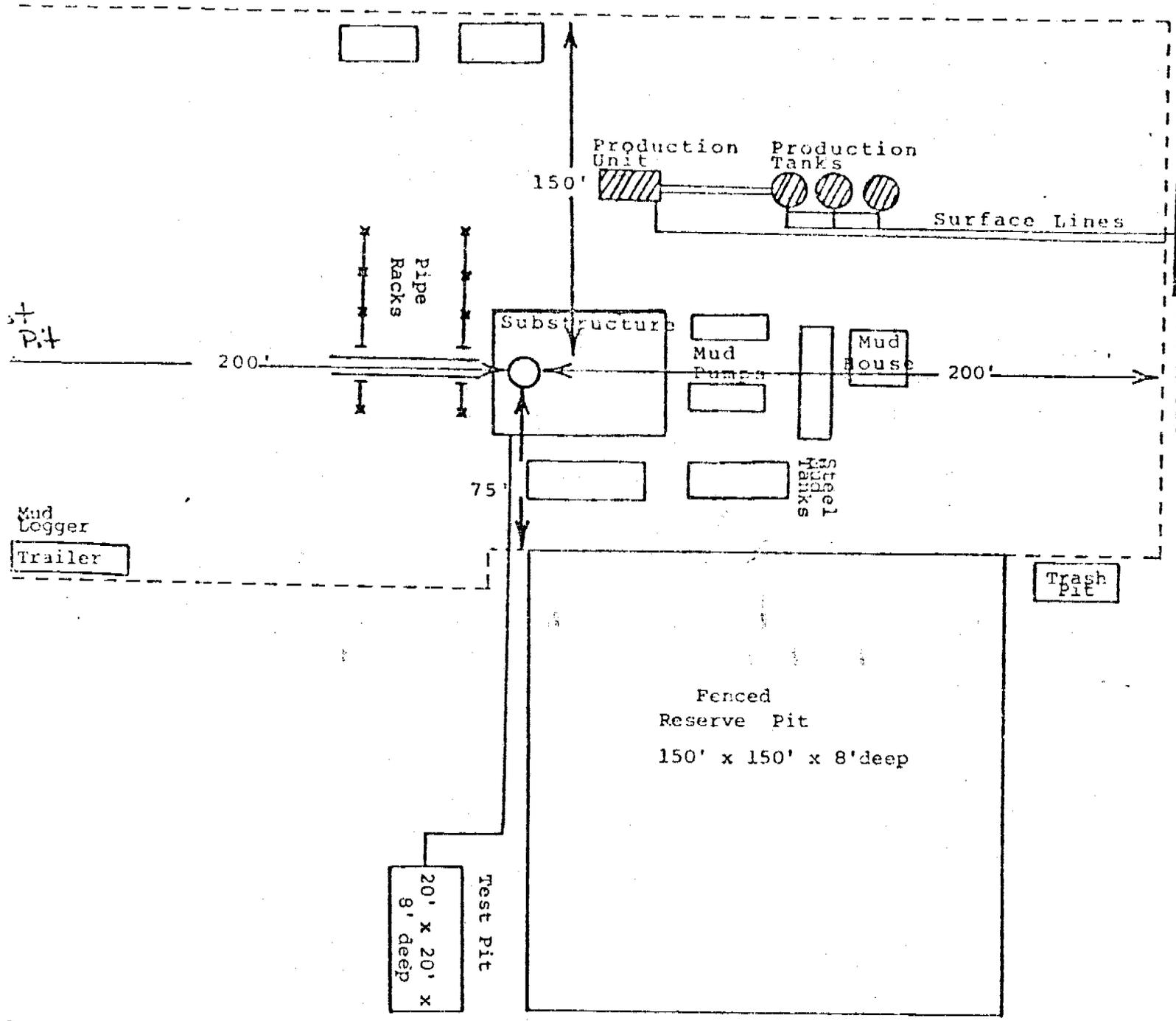
Elevation is Mean Sea Level based upon a 3-dimensional control network tied to U.S.G.S. & U.S.C. & G.S. Bench Marks and horizontal control stations. Bearings are based upon Utah North Zone State Plane Coordinates as determined by actual field survey. All bearings are Utah North Zone Grid Azimuth expressed by quadrant, as computed from the grid inverse between these positions. Horizontal distances shown are computed at the surface, based upon the mean elevation and scale factor of each line.

Reference Point	350.0' NORTH	ELEVATION 7396.6'	TOP REBAR
Reference Point	450.0' NORTH	ELEVATION 7401.2'	TOP REBAR
Reference Point	350.0' EAST	ELEVATION 7358.7'	TOP REBAR
Reference Point	450.0' EAST	ELEVATION 7357.2'	

Point Number 755
 Book 54, Page 116
 Date 4/25/83
 Job No. 83-10-18

Loyal D. Olson, III
 REGISTERED LAND SURVEYOR
 Loyal D. Olson, III No. 48845
 Loyal D. Olson, III
 STATE OF UTAH
 4/25/83

UINTA ENGINEERING & SURVEYING
 808 Main Street, Evanston, Wyoming 82930
 Phone 307-789-3602



⊙ = 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"

April 29, 1983

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

RE: Well No. Anschutz Ranch East Unit W16-12
(Surface) SENE 17, T.4N, R.8E
54 FEL, 2312 FNL
(Prod. Zone) NWSW 16, T.4N, R.8E
650 FWL, 2100 FSL
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to has well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. Directional drilling data must be submitted at time of well completion.

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

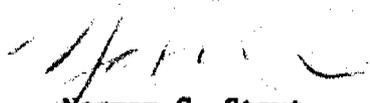
RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

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

The API number assigned to this well is 43-043-30231.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
Enclosure

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Anschutz Ranch East
8. FARM OR LEASE NAME Anschutz Ranch East
9. WELL NO. W16-12
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
11. SEC., T., R., M., OR B.LK. AND SURVEY OR AREA Sec. 16, T4N, R8E
12. COUNTY OR PARISH Summit
13. STATE Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
new SW/4 NW/4 2588.45' FNL & 378.12' FWL
old SE/4 NE/4, SEC. 17, 54' FEL & 2312' FNL

14. PERMIT NO.
43-043-30231

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7379.2'

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

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

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

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

This is to advise that the subject well location has been changed as noted above.

RECEIVED
JUL 07 1983

DIVISION OF
OIL, GAS & MINING

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

SIGNED Laura J. Smith TITLE Staff Admin. Analyst (SG) DATE 6/29/83

(This space for Federal or State office use)

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

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: ANSCHUTZ W-16-12

SECTION: 16 TOWNSHIP 4N RANGE 8E COUNTY: SUMMIT

DRILLING CONTRACTOR: CHASE

RIG # 6

BOP TEST: DATE: 8-17-83

TIME: 5:00 AM

DRILLING: _____

CASING: Surface string

H₂S: _____

REPORTED BY: Hubert Seallings

TELEPHONE NO. 801-793-9526

DATE: 8-18-83 SIGNED AS

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR DRAWER 829 EVANSTON, WY 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p> <p style="text-align: center;">2588.45' FNL & 378.12' FWL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Anschutz Ranch East</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. W16-12</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T4N, R8E</p>
<p>14. PERMIT NO. 43-043-30231</p>	<p>15. ELEVATIONS (Show whether DF, NT, OR, etc.) 7379.2' GR</p>	<p>12. COUNTY OR PARISH 13. STATE Summit Utah</p>

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

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

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

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

August 24, 1983
Current TD: 5638'
Spud date 7-25-83
Drilling ahead in Bear River formation with 12.25" bit.
Drilling Rig: Chase #6

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

SIGNED R. J. Urban TITLE Staff Admin. Analyst (SG) DATE 8-30-83

(This space for Federal or State office use)

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

DOUBLE "D" ENTERPRISES

USGS

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... Feb 9, 1984

OIL CO.: Amoco

WELL NAME & NUMBER..... Anshutz w16-112

SECTION..... 16

TOWNSHIP..... 18n

RANGE..... 8E

COUNTY..... Summit Utah

DRILLING CONTRACTOR..... chaparral

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Bob schmidt, Roy Fruits

RIG TOOL PUSHER.....

TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST:

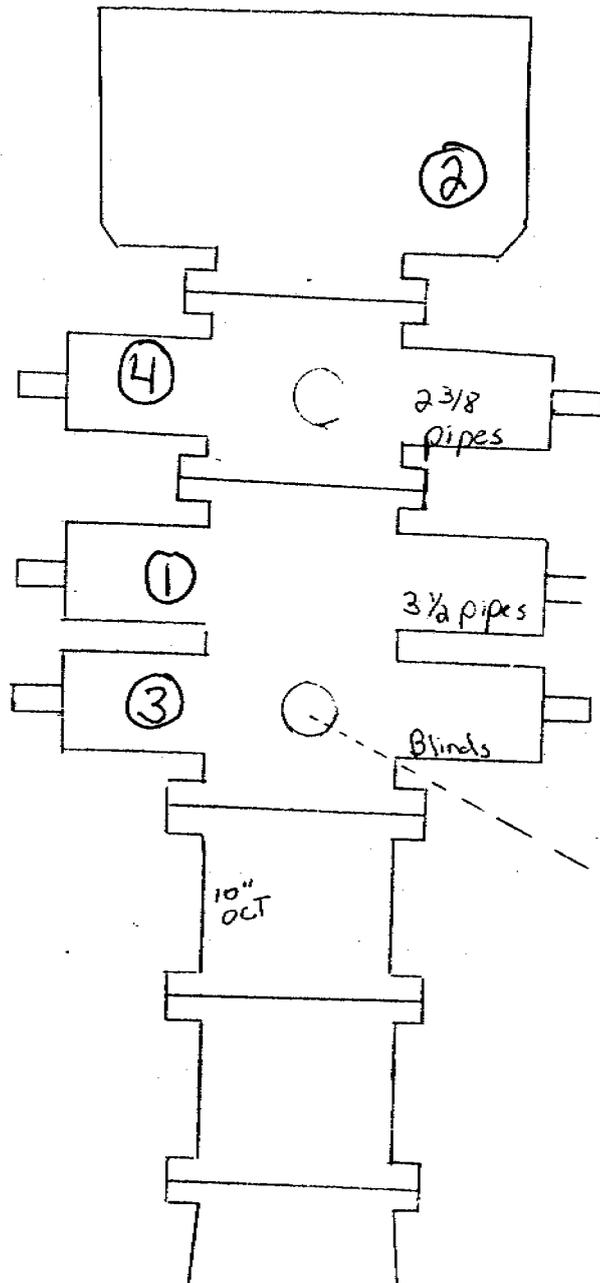
COPIES OF THIS TEST REPORT SENT COPIES TO: USGS, site Rep

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

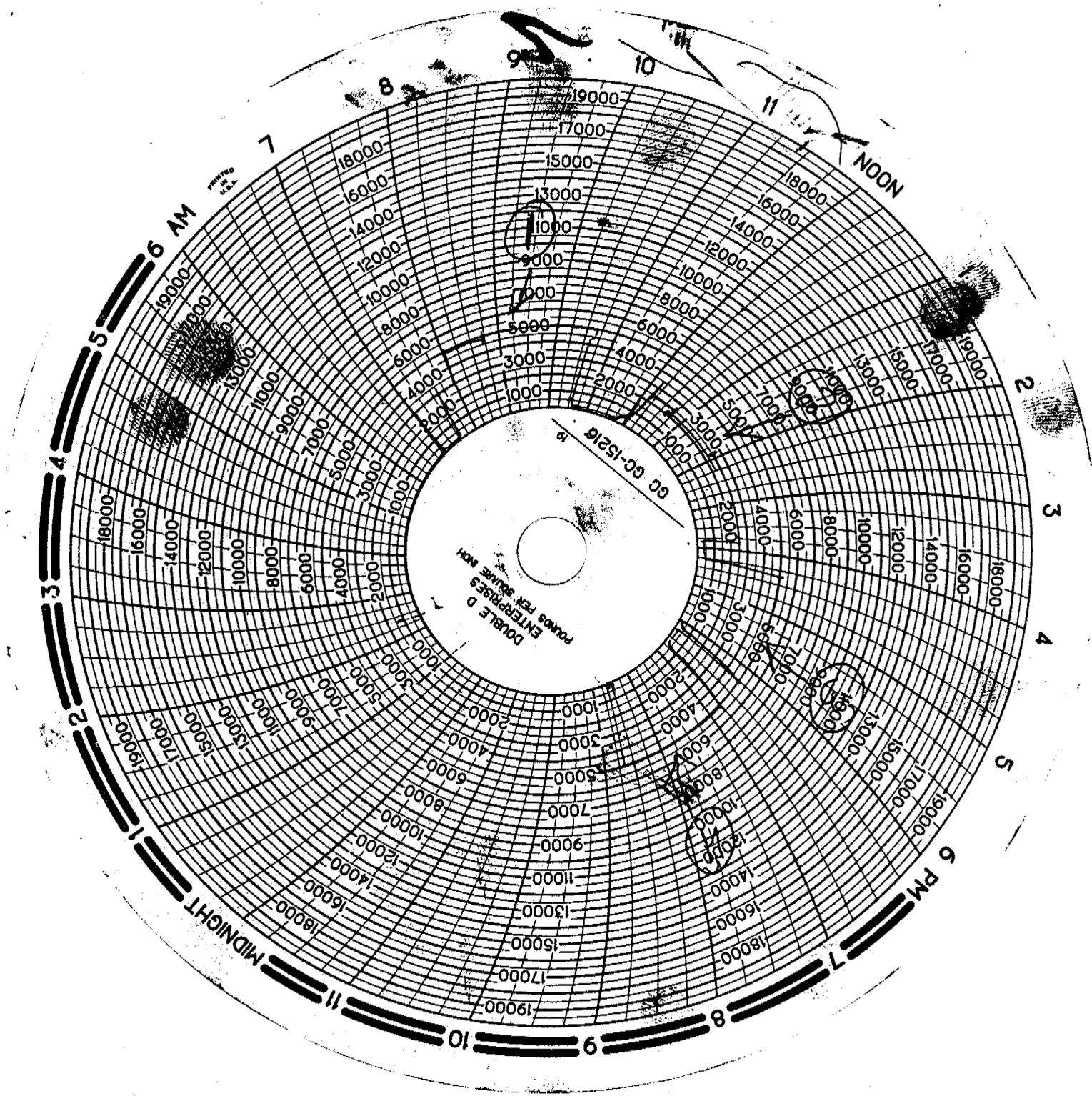
Chaparral

2-9-84

- ① 4:20 - 4:35 3 1/2 pipe rams,
4:40 psi on hydril, leaking by increase cummy
pressure.
- ② 4:45 - 5:00 Test on hydril
- ③ 5:05 - 5:25 Blind rams
5:45 - psi on 2 3/8 rams leak on flange
on side of rams
- ④ 6:00 - 6:15 Test on 2 3/8 rams, valve on side
of Blind rams.



← (4)
← Test source
for 3-5



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Amoco Production Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P.O. Box 829, Evanston, Wyoming 82930</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>SW/4 NW/4 2588' FNL & 378' FWL</u></p> <p>14. PERMIT NO. <u>43-043-30231</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>Fee</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u></p> <p>8. FARM OR LEASE NAME <u>Anschutz Ranch East</u></p> <p>9. WELL NO. <u>W16-12</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Anschutz Ranch East</u></p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <u>Sec. 16, T4N, R8E</u></p> <p>12. COUNTY OR PARISH <u>Summit</u></p> <p>13. STATE <u>Utah</u></p>	
<p>15. ELEVATIONS (Show whether DF, ST, OR, etc.) <u>7379.2'</u></p>			

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

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

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

This notice is to confirm the 8-17-83 B O P Test on the gubject well.

RECEIVED
AUG 20 1983

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

SIGNED *Laura L. Smith* TITLE Staff Admin. Analyst (SG) DATE 9/16/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO PRODUCTION CORPORATION

WELL NAME: ANSCHUTZ RANCH EAST W-16-12

SECTION: SWNW 16 TOWNSHIP 4N RANGE 8E COUNTY: SUMMIT

DRILLING CONTRACTOR: CHASE DRILLING

RIG # 6

BOP TEST: DATE: 9-15-83

TIME: Bet. 3:00 & 5:00 PM

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: _____

TELEPHONE NO. _____

DATE: 9-15-83 SIGNED _____ AS _____

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

M

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FREE																				
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East																				
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14. PERMIT NO. 43-043-30231	15. ELEVATIONS (Show whether DP, RT, OR, etc.) 7379.2	9. WELL NO. W16-12																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East																				
<table border="0"> <tr> <th colspan="2">NOTICE OF INTENTION TO:</th> <th colspan="2">SUBSEQUENT REPORT OF:</th> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <u>Report of Operations</u> <input checked="" type="checkbox"/></td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u> <input checked="" type="checkbox"/>		11. SEC., T., R., M., OR BLK. AND SUBST OR AREA Sec. 16, T4N, R8E
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		12. COUNTY OR PARISH 13. STATE Summit Utah																				

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

Sept. 15, 1983

Drilling Contractor - Chase 6

Total Depth to date 8150

Drilling with 12-1/4" Bit

Spud Date 07-25-83



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

SIGNED [Signature] TITLE Staff Admin Anaylist (SG) DATE 9/23/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Box 829, Evanston, WY 82930

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

SW/4 NW/4 2588.45' FNL & 378.12' FWL

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W16-12

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 16, T4N, R8E

14. PERMIT NO.

43-043-30231

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

7379.2

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:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

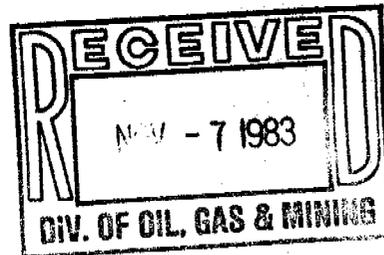
Report of Operations

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

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

Date 10-22-83

Drilling Contractor - Chase 6
Total Depth to date 11,173'
Drilling with 12-1/4" bit.
Spud Date 07-25-83



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

SIGNED

Langston Smith

TITLE

Staff Administrative Analyst, (SG)

DATE

11/3/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT **TRIPPLICATE***
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Anschutz Ranch East
8. FARM OR LEASE NAME Anschutz Ranch East
9. WELL NO. W16-12
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T4N, R8E
12. COUNTY OR PARISH Summit
13. STATE Utah

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR Amoco Production Company	
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NW/4 2588.45' FNL & 378.12' FWL	
14. PERMIT NO. 43-043-30231	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7379.2

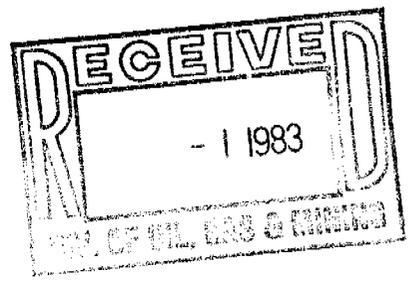
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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

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

Date: 11-13-83
Drilling Contractor: Chase 6
Total Depth to date: 11,750'

Running 9-5/8" casing



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

SIGNED [Signature] TITLE Staff Admin. Anaylist (SG) DATE 11/29/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2756' FSL 454' FWL SW/4 NW/4

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, ST, OR, etc.) _____

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
WL6-12

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 16, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

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

Note, the rig has not been moved, however a more recent survey has indicated that a slight correction is needed. (see below)

Old stated location SW/4 NW/4 2588.45' FNL & 378.12' FWL. Corrected location is 2756' FSL 454' FWL.

43-043-30231

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

SIGNED Jayne L Smith TITLE Staff Admin Analyst (SG) DATE 12-8-83

(This space for Federal or State office use)

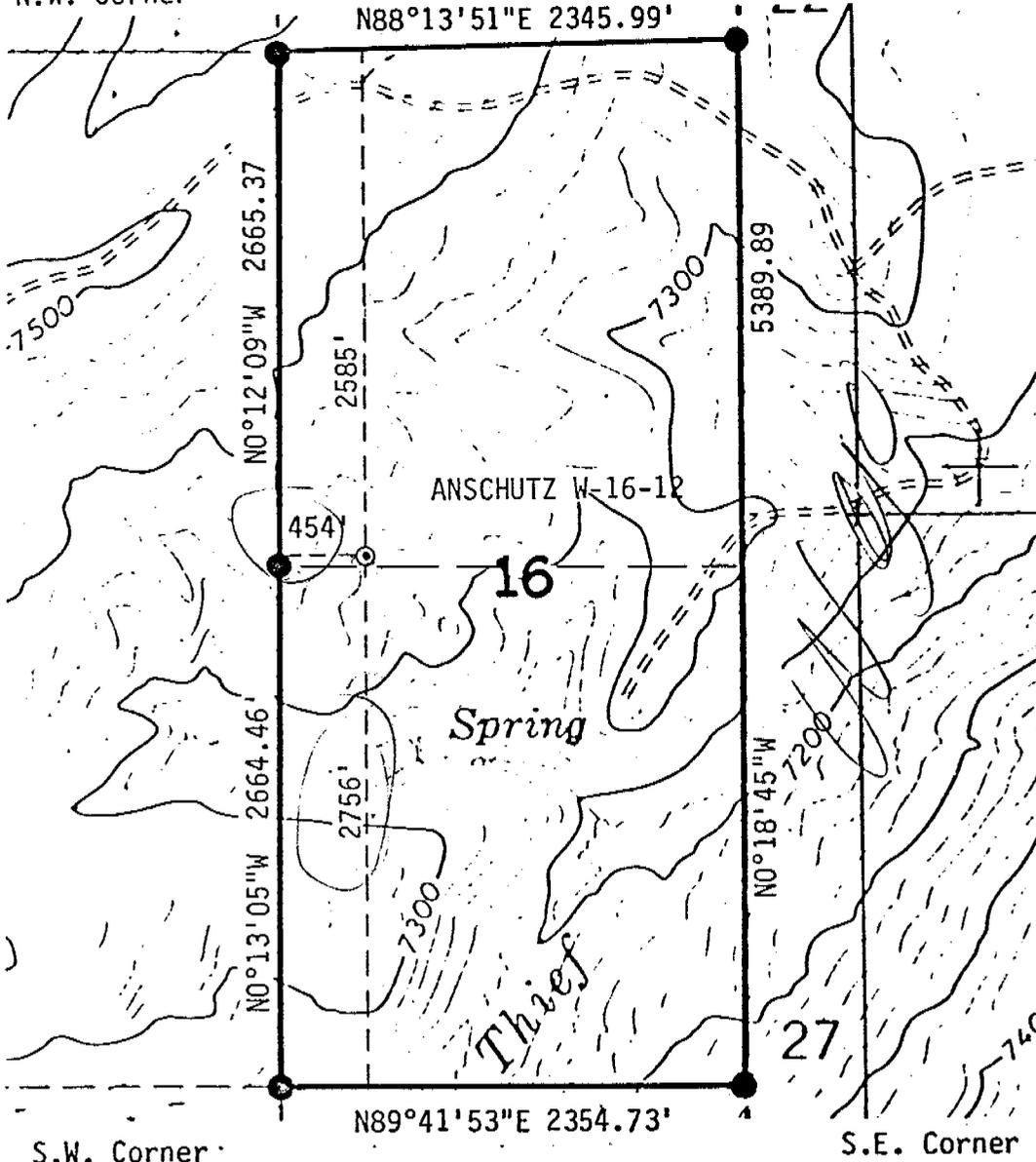
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Section 16, Township 4 North, Range 8 East

N.W. Corner

N.E. Corner



GRID NORTH

3" ALUMINUM CAP

HUB & TACK

THETA ANGLE AT S.W. CORNER +00°17'37"

SCALE: 1" = 1000'

I, John A. Proffit of Evanston, Wyoming, do hereby certify that in accordance with a request from Jon Jensen of Evanston, Wyoming for Amoco Production Company, that a survey was made under my direction and authority on the 8th day of July, 19 83, for the Location and Elevation of the Anschutz W-16-12, as shown on the above map. The wellsite is located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$, of Section 16, T.4 N., R.8 E., of the Salt Lake Base & Meridian, Summit County, Utah.

Elevation is 7348 feet Graded Pad.

BASIS OF BEARINGS AND ELEVATION DATUM

Elevation is Mean Sea Level based upon a 3-dimensional control network tied to U.S.G.S. & U.S.C. & G.S. Bench Marks and horizontal control stations. Bearings are based upon Utah North Zone State Plane Coordinates as determined by actual field survey. All bearings are Utah North Zone Grid Azimuth expressed by quadrant, as computed from the grid inverse between these positions. Horizontal distances shown are computed at the surface, based upon the mean elevation and scale factor of each line.

Reference Point _____

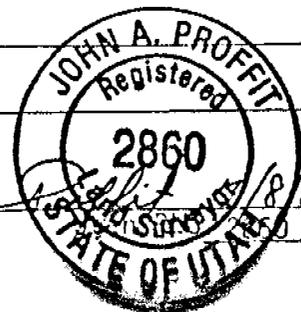
Reference Point _____

Reference Point _____

Reference Point _____

Point Number 755
 Book 296, Page 2
 Date July 8, 1983
 Job No. 83-10-18

John A. Proffit
 JOHN A. PROFFIT



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P.O. Box 829, Evanston, WY 82900

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
SW/4 NW/4 2588.45' FNL & 378.12' FWL

14. PERMIT NO.
43-043-30231

15. ELEVATIONS (Show whether DF, RT, or VHS)
7379.2

RECEIVED
JAN 30 1983

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
W16-12

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 16, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

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

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

Date 12-29-83

Drilling Contractor Chase 6

Total Depth to Date 14,550'

Drilling with 6.25" Bit.

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

SIGNED Larry L. Smith TITLE Staff Admin. Analyst (SG) DATE 12-30-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT **DUPLICATE***
(Other instructions on reverse side)

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>Fee</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u></p> <p>8. FARM OR LEASE NAME <u>Anschutz Ranch East</u></p> <p>9. WELL NO. <u>W16-12</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Anschutz Ranch East</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 16, T4N, R8E</u></p> <p>12. COUNTY OR PARISH <u>Summit</u></p> <p>13. STATE <u>Utah</u></p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Amoco Production Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P.O. Box 829, Evanston, Wyoming 82930</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>SW/4 NW/4 2588,45' FNL & 378,12' FWL</u></p>	<p>14. PERMIT NO. <u>43-043-30231</u></p> <p>15. ELEVATIONS (Show whether DF, NT, OR, etc.) <u>7379,2</u></p>	

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

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

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

Date: 1/28/84

Total Depth: 15,112'

Completion Contractor: Chapparel #1

Carrying on completion operations.

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

SIGNED *James A. Smith* TITLE Staff Admin. Analyst (SG) DATE 02-08-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AMOCO PRODUCTION CO.
O.R.E. M16-12SUB040011
FEBRUARY 15, 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0	N 0.0 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00
100	S 24.7 E	1.10	99.99	0.88 S	0.40 E	0.87	1.10
200	S 37.1 E	1.16	199.97	2.56 S	1.41 E	2.72	0.25
300	S 40.5 E	0.93	299.96	3.98 S	2.54 E	4.49	0.25
400	S 37.3 E	0.88	399.94	5.20 S	3.53 E	6.03	0.06
500	S 33.7 E	0.95	499.93	6.50 S	4.46 E	7.58	0.09
600	S 39.5 E	1.06	599.92	7.90 S	5.51 E	9.28	0.15
700	S 40.7 E	0.90	699.90	9.21 S	6.61 E	10.96	0.16
800	S 43.2 E	0.89	799.89	10.38 S	7.65 E	12.51	0.04
900	S 34.9 E	0.91	899.88	11.59 S	8.64 E	14.04	0.13
1000	S 40.8 E	0.91	999.86	12.85 S	9.61 E	15.59	0.09
1100	S 33.3 E	1.02	1099.85	14.19 S	10.62 E	17.23	0.17
1200	S 38.4 E	0.95	1199.84	15.58 S	11.62 E	18.89	0.11
1300	S 43.8 E	0.74	1299.82	16.70 S	12.58 E	20.34	0.22
1400	S 42.2 E	0.68	1399.82	17.61 S	13.43 E	21.57	0.06
1500	S 30.6 E	0.74	1499.81	18.60 S	14.15 E	22.77	0.16
1600	S 29.5 E	0.87	1599.80	19.82 S	14.86 E	24.09	0.13
1700	S 29.4 E	0.74	1699.79	21.04 S	15.55 E	25.40	0.13
1800	S 32.0 E	0.94	1799.78	22.22 S	16.25 E	26.70	0.11
1900	S 31.3 E	0.87	1899.77	23.50 S	17.04 E	28.11	0.03
2000	S 41.7 E	1.09	1999.75	24.85 S	18.06 E	29.77	0.28
2100	S 51.9 E	0.79	2099.74	25.99 S	19.24 E	31.40	0.34
2200	S 39.7 E	0.94	2199.73	27.05 S	20.30 E	32.90	0.24
2300	S 48.1 E	1.04	2299.71	28.28 S	21.50 E	34.61	0.18
2400	S 49.4 E	0.83	2399.70	29.36 S	22.73 E	36.24	0.21
2500	S 30.9 E	0.81	2499.69	30.44 S	23.64 E	37.63	0.26
2600	S 35.2 E	0.92	2599.68	31.70 S	24.47 E	39.07	0.13
2700	S 39.5 E	0.99	2699.66	33.02 S	25.48 E	40.70	0.10
2800	S 38.7 E	0.83	2799.65	34.26 S	26.48 E	42.26	0.16
2900	S 29.9 E	0.68	2899.64	35.33 S	27.23 E	43.52	0.19
3000	S 27.4 E	0.93	2999.63	36.57 S	27.90 E	44.83	0.25
3100	S 34.8 E	0.94	3099.62	37.96 S	28.74 E	46.36	0.12
3200	S 36.1 E	0.85	3199.60	39.24 S	29.65 E	47.87	0.09
3300	S 26.0 E	0.75	3299.59	40.42 S	30.37 E	49.19	0.17
3400	S 28.0 E	1.03	3399.58	41.81 S	31.08 E	50.62	0.28
3500	S 41.8 E	0.97	3499.57	43.23 S	32.07 E	52.29	0.25
3600	S 31.0 E	0.97	3599.55	44.59 S	33.07 E	53.92	0.18
3700	S 41.3 E	1.17	3699.53	46.08 S	34.18 E	55.73	0.28
3800	S 59.1 E	1.33	3799.51	47.44 S	35.85 E	57.89	0.42
3900	S 53.9 E	1.68	3899.48	48.90 S	38.03 E	60.50	0.38

AMOCO PRODUCTION CO.
A. R. E. W16-12

EUB040011
FEBRUARY 15, 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
4000	S 60.0 E	1.88	3999.43	50.59 S	40.63 E	63.57	0.28
4100	S 64.5 E	2.04	4099.37	52.17 S	43.66 E	66.92	0.22
4200	S 71.3 E	2.18	4199.30	53.55 S	47.07 E	70.42	0.29
4300	S 70.5 E	2.48	4299.21	54.88 S	50.91 E	74.22	0.30
4400	S 73.5 E	3.28	4399.08	56.42 S	55.69 E	78.88	0.81
4500	S 74.6 E	3.68	4498.89	58.08 S	61.53 E	84.43	0.41
4600	S 74.2 E	4.00	4598.67	59.88 S	67.98 E	90.55	0.32
4700	S 74.1 E	4.57	4698.39	61.92 S	75.16 E	97.38	0.57
4800	S 77.0 E	4.91	4798.04	63.98 S	83.17 E	104.85	0.42
4900	S 82.9 E	5.36	4897.64	65.52 S	91.97 E	112.60	0.69
5000	S 82.4 E	6.38	4997.11	66.83 S	102.11 E	121.24	1.02
5100	S 81.5 E	7.02	5096.43	68.47 S	113.66 E	131.17	0.65
5200	S 79.4 E	7.40	5195.63	70.56 S	126.04 E	142.02	0.46
5300	S 79.4 E	7.68	5294.77	72.97 S	138.94 E	153.48	0.28
5400	S 79.2 E	7.83	5393.85	75.47 S	152.19 E	165.28	0.15
5500	S 79.5 E	7.98	5492.90	78.02 S	165.71 E	177.30	0.16
5600	S 80.4 E	8.15	5591.90	80.46 S	179.52 E	189.49	0.21
5700	S 82.9 E	7.59	5690.96	82.46 S	193.07 E	201.18	0.66
5800	S 79.6 E	7.26	5790.12	84.42 S	205.84 E	212.25	0.54
5900	S 80.8 E	5.96	5889.45	86.39 S	217.18 E	222.23	1.31
6000	S 80.6 E	5.78	5988.92	88.04 S	227.27 E	231.05	0.18
6100	S 81.2 E	5.50	6088.43	89.60 S	236.97 E	239.51	0.29
6200	S 87.1 E	5.74	6187.95	90.58 S	246.70 E	247.62	0.63
6300	S 86.9 E	6.02	6287.43	91.12 S	256.93 E	255.83	0.28
6400	S 88.1 E	6.56	6386.82	91.59 S	267.88 E	264.55	0.56
6500	N 89.0 E	6.65	6486.16	91.68 S	279.38 E	273.45	0.35
6600	N 88.7 E	5.95	6585.55	91.46 S	290.35 E	281.75	0.70
6700	N 86.7 E	5.42	6685.05	91.07 S	300.24 E	289.11	0.57
6800	N 86.0 E	4.66	6784.66	90.52 S	309.01 E	295.50	0.76
6900	N 84.9 E	4.16	6884.37	89.91 S	316.68 E	301.01	0.51
7000	N 84.2 E	4.27	6984.09	89.21 S	323.99 E	306.19	0.12
7100	N 89.8 E	3.62	7083.86	88.83 S	330.85 E	311.22	0.75
7200	N 88.3 E	3.79	7183.64	88.72 S	337.31 E	316.11	0.20
7300	N 85.8 E	3.67	7283.43	88.39 S	343.81 E	320.90	0.20
7400	S 88.6 E	3.46	7383.23	88.22 S	350.02 E	325.57	0.41
7500	N 88.2 E	4.24	7483.01	88.18 S	356.73 E	330.70	0.81
7600	N 89.5 E	4.06	7582.74	88.04 S	363.96 E	336.17	0.20
7700	S 89.2 E	4.66	7682.45	88.06 S	371.56 E	342.04	0.61
7800	N 87.7 E	4.23	7782.14	87.97 S	379.31 E	347.94	0.49
7900	N 88.9 E	3.92	7881.89	87.76 S	386.41 E	353.26	0.32

AMOCO PRODUCTION CO.
A.P.E. W15-12

EUR040911
FEBRUARY 15, 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
8000	S 54.1 E	3.34	7981.70	89.40 S	392.19 E	358.76	2.37
8100	S 33.5 E	3.57	8081.52	93.70 S	396.27 E	364.64	1.26
8200	S 14.5 E	3.01	8181.36	98.84 S	398.65 E	369.75	1.22
8300	S 18.1 E	3.07	8281.21	103.93 S	400.13 E	374.15	0.20
8400	S 10.4 E	2.52	8381.09	108.64 S	401.36 E	378.10	0.66
8500	S 0.5 E	2.88	8480.98	113.31 S	401.78 E	381.41	0.59
8600	S 12.2 E	2.89	8580.85	118.29 S	402.34 E	385.02	0.59
8700	S 7.7 E	2.54	8680.73	122.95 S	403.17 E	388.64	0.41
8800	S 15.9 E	2.70	8780.63	127.41 S	404.11 E	392.21	0.41
8900	S 6.2 E	3.12	8880.50	132.38 S	405.05 E	396.11	0.65
9000	S 14.2 E	2.90	8980.36	137.54 S	405.96 E	400.11	0.47
9100	S 12.7 E	2.70	9080.24	142.29 S	407.10 E	404.02	0.21
9200	S 16.8 E	2.24	9180.15	146.45 S	408.18 E	407.52	0.49
9300	S 18.4 E	2.17	9280.07	150.12 S	409.34 E	410.76	0.09
9400	S 27.7 E	2.67	9379.98	153.98 S	411.02 E	414.52	0.63
9500	S 29.2 E	2.73	9479.87	158.12 S	413.27 E	418.89	0.09
9600	S 31.9 E	2.67	9579.75	162.18 S	415.66 E	423.32	0.14
9700	S 27.2 E	2.21	9679.66	165.87 S	417.77 E	427.31	0.50
9800	S 20.7 E	2.31	9779.58	169.47 S	419.37 E	430.83	0.27
9900	S 20.8 E	2.35	9879.50	173.27 S	420.81 E	434.37	0.04
10000	S 20.4 E	2.25	9979.41	177.03 S	422.22 E	437.86	0.10
10100	S 27.7 E	2.70	10079.33	180.95 S	424.00 E	441.74	0.55
10200	S 25.9 E	3.49	10179.17	185.78 S	426.42 E	446.68	0.80
10300	S 21.4 E	4.12	10278.96	191.86 S	429.06 E	452.60	0.70
10400	S 15.7 E	4.86	10378.64	199.28 S	431.52 E	459.24	0.86
10500	S 17.9 E	5.07	10478.27	207.57 S	434.02 E	466.46	0.28
10600	S 17.6 E	5.71	10577.82	216.51 S	436.89 E	474.38	0.64
10700	S 11.7 E	5.81	10677.31	226.21 S	439.42 E	482.52	0.60
10800	S 18.1 E	5.46	10776.82	235.69 S	441.92 E	490.50	0.72
10900	S 16.5 E	5.48	10876.37	244.79 S	444.75 E	498.50	0.15
11000	S 19.4 E	5.62	10975.90	253.99 S	447.74 E	506.67	0.31
11100	S 20.6 E	5.81	11075.40	263.34 S	451.14 E	515.27	0.22
11200	S 19.1 E	5.36	11174.93	272.49 S	454.45 E	523.67	0.47
11300	S 18.3 E	5.11	11274.51	281.14 S	457.39 E	531.44	0.26
11400	S 24.2 E	4.63	11374.14	289.04 S	460.43 E	538.85	0.69
11500	S 20.9 E	4.48	11473.82	296.37 S	463.48 E	545.87	0.30
11600	S 37.1 E	5.53	11573.45	303.87 S	467.78 E	553.97	1.75
11700	S 35.8 E	5.44	11672.99	311.55 S	473.46 E	563.25	0.15
11800	S 35.0 E	5.75	11772.50	319.50 S	479.11 E	572.67	0.32
11900	S 37.4 E	7.26	11871.86	328.63 S	485.82 E	583.67	1.53

AMOCO PRODUCTION CO.
A R. E. W16-12

EUB040011
FEBRUARY 15, 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
12000	S 36.3 E	9.09	11970.84	340.01 S	494.33 E	597.48	1.83
12100	S 34.4 E	10.57	12069.36	353.93 S	504.18 E	613.96	1.52
12200	S 29.2 E	12.03	12167.42	370.60 S	514.45 E	632.51	1.78
12300	S 26.2 E	10.18	12265.54	387.63 S	523.43 E	650.31	1.94
12400	S 16.9 E	7.65	12364.33	401.93 S	529.27 E	663.94	2.90
12500	S 3.8 E	5.70	12463.65	413.25 S	531.53 E	672.92	2.46
12600	S 1.8 E	5.48	12563.18	422.98 S	532.01 E	679.50	0.29
12700	S 11.6 E	6.77	12662.60	433.53 S	533.35 E	687.27	1.66
12800	S 19.3 E	9.46	12761.59	447.06 S	537.25 E	698.92	2.90
12900	S 23.4 E	10.78	12860.03	463.40 S	543.68 E	714.31	1.50
13000	S 23.6 E	10.82	12958.26	480.58 S	551.15 E	731.04	0.05
13100	S 25.7 E	10.84	13056.48	497.66 S	558.99 E	747.98	0.40
13200	S 24.7 E	11.70	13154.54	515.34 S	567.30 E	765.68	0.88
13300	S 27.0 E	12.64	13252.30	534.30 S	576.51 E	784.88	1.06
13400	S 34.4 E	11.70	13350.05	552.42 S	587.20 E	804.68	1.82
13500	S 37.6 E	9.49	13448.49	566.64 S	597.44 E	821.64	3.26
13600	S 40.5 E	7.45	13547.52	577.42 S	606.15 E	835.23	1.11
13700	S 48.8 E	7.11	13646.72	586.42 S	615.02 E	847.81	1.16
13800	S 57.6 E	5.98	13746.07	593.24 S	624.00 E	859.07	1.58
13900	S 66.2 E	5.46	13845.58	597.91 S	632.68 E	868.73	0.95
14000	N 70.8 E	4.41	13945.25	598.56 S	640.67 E	875.29	3.74
14100	N 47.7 E	4.39	14044.95	594.72 S	647.13 E	877.81	1.76
14200	N 56.3 E	5.47	14144.58	589.50 S	653.92 E	879.70	1.31
14300	N 48.0 E	6.03	14244.07	583.34 S	661.79 E	881.81	1.00
14400	N 40.6 E	7.72	14343.35	574.73 S	670.07 E	882.67	1.96
14500	N 58.2 E	6.05	14442.65	566.85 S	678.92 E	884.44	2.67
14520	N 62.1 E	6.15	14462.53	565.79 S	680.76 E	885.18	2.13

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.
THE VERTICAL SECTION WAS COMPUTED ALONG S 50 16 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 885.18 FEET, IN THE DIRECTION OF S 50 16 E
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

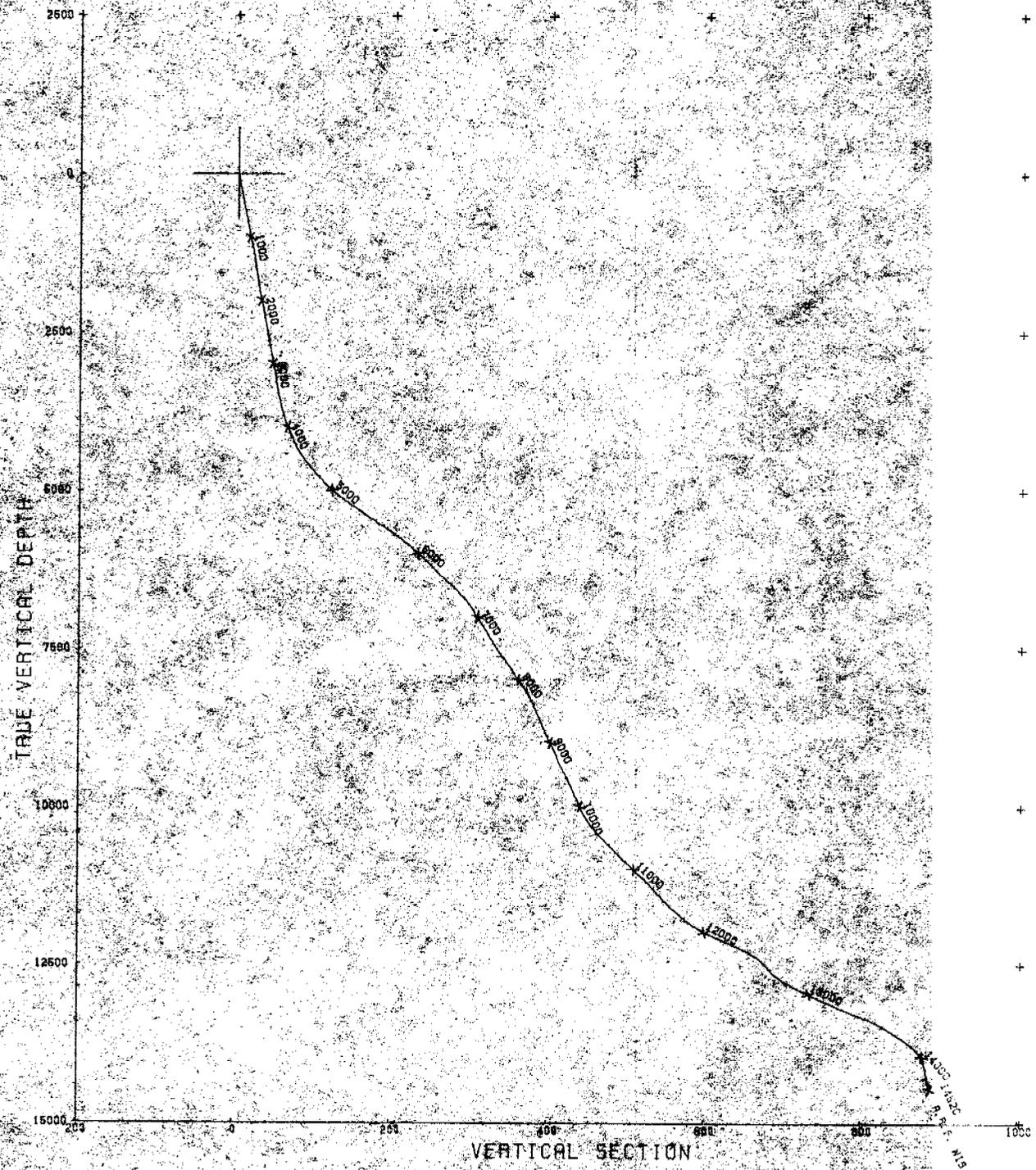
N.L. SPERRY & SON INCORPORATED

VERTICAL PROJECTION
NO WELLS HAVE BEEN EXTRAPOLATED

CHST. YAMCO PRODUCTION INC
JOB. NO. EVB040011
START MD. = -0
SCALE IS 2500/200 FEET/INCH
COURSE LENGTH = 100

REF. IS. A. R. F. W16-12
DATE. FEBRUARY 15, 1984
FINISH MD. = 14520
V. S. AZM. = 129.73

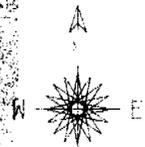
PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



A. R. F. W16-12

N.L. SPERRY - SON INCORPORATED

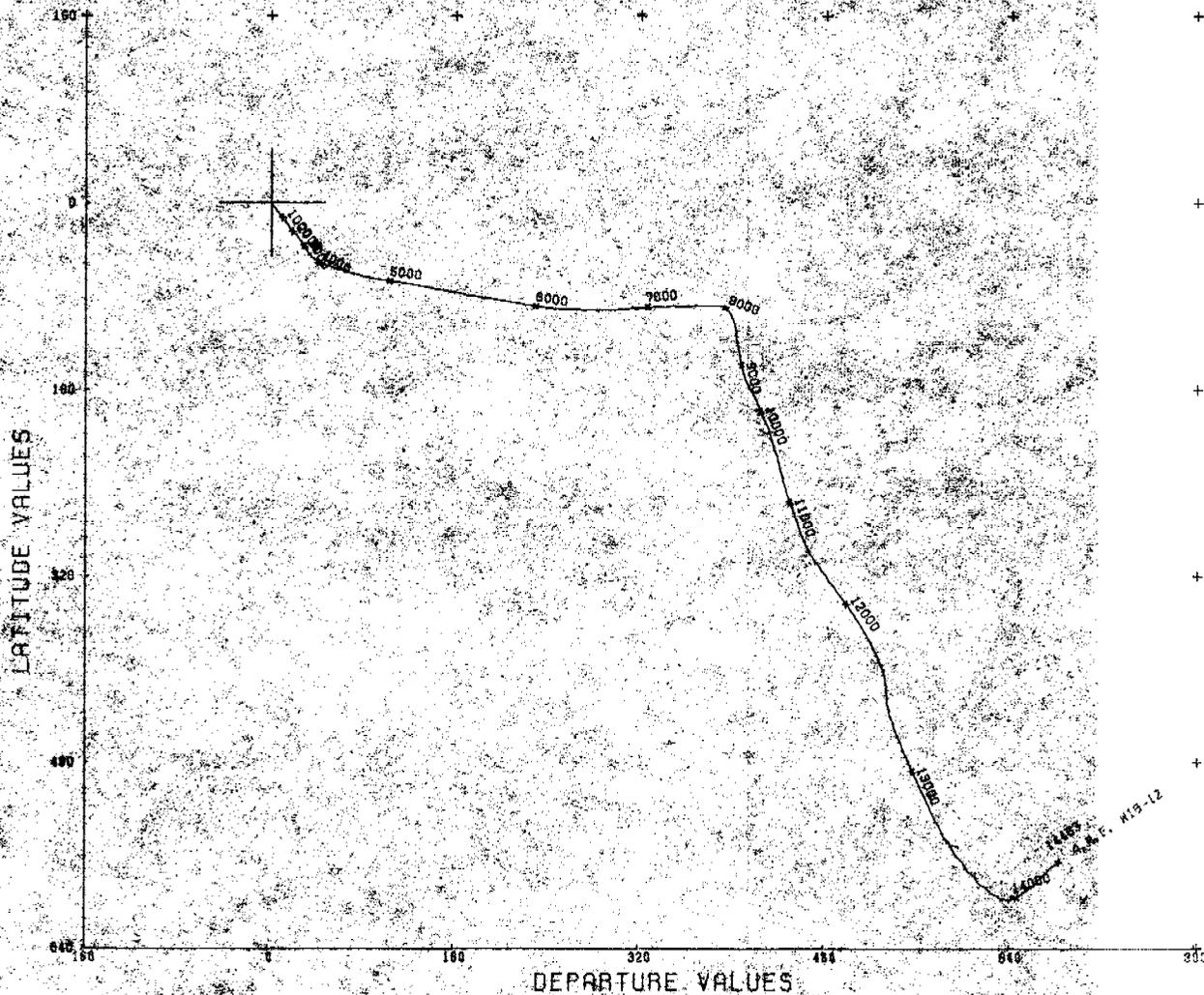
HORIZONTAL PROJECTION
NO WELLS HAVE BEEN EXTRAPOLATED



CUST. AMOCO PRODUCTION INC
JOB NO. EVB040011
START TVD. = 0
SCALE IS 160 FEET/INCH
COURSE LENGTH = 100

REF. IS A.P.E. W16-12
DATE FEBRUARY 15, 1984
FINISH TVD. = 14463
AXIS IS TRUE NORTH

PLOTTED VALUES SHOWN ARE TRUE VERTICAL DEPTHS



DOUBLE "D" ENTERPRISES

USGS

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... Feb 9, 1984.....

OIL CO.: Amoco.....

WELL NAME & NUMBER..... Anshutz w16-112.....

SECTION..... 16.....

TOWNSHIP..... 18n.....

RANGE..... 8E.....

COUNTY..... Summit Utah.....

DRILLING CONTRACTOR..... Chaparral.....

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Bob schmidt, Roy Fruits.....

RIG TOOL PUSHER.....

TESTED OUT OF..... Evanston.....

NOTIFIED PRIOR TO TEST:

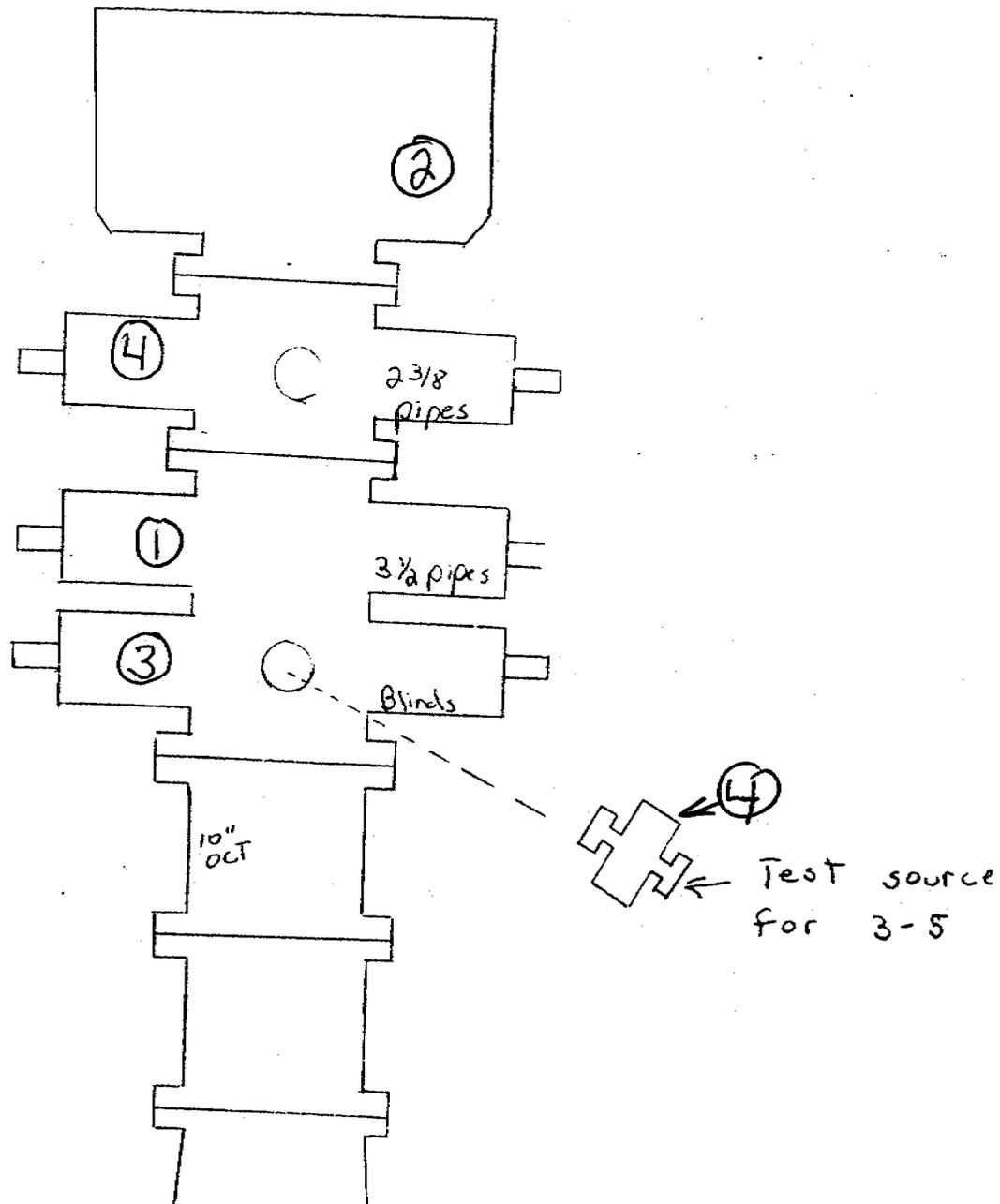
COPIES OF THIS TEST REPORT SENT COPIES TO: USGS, site Rep.....

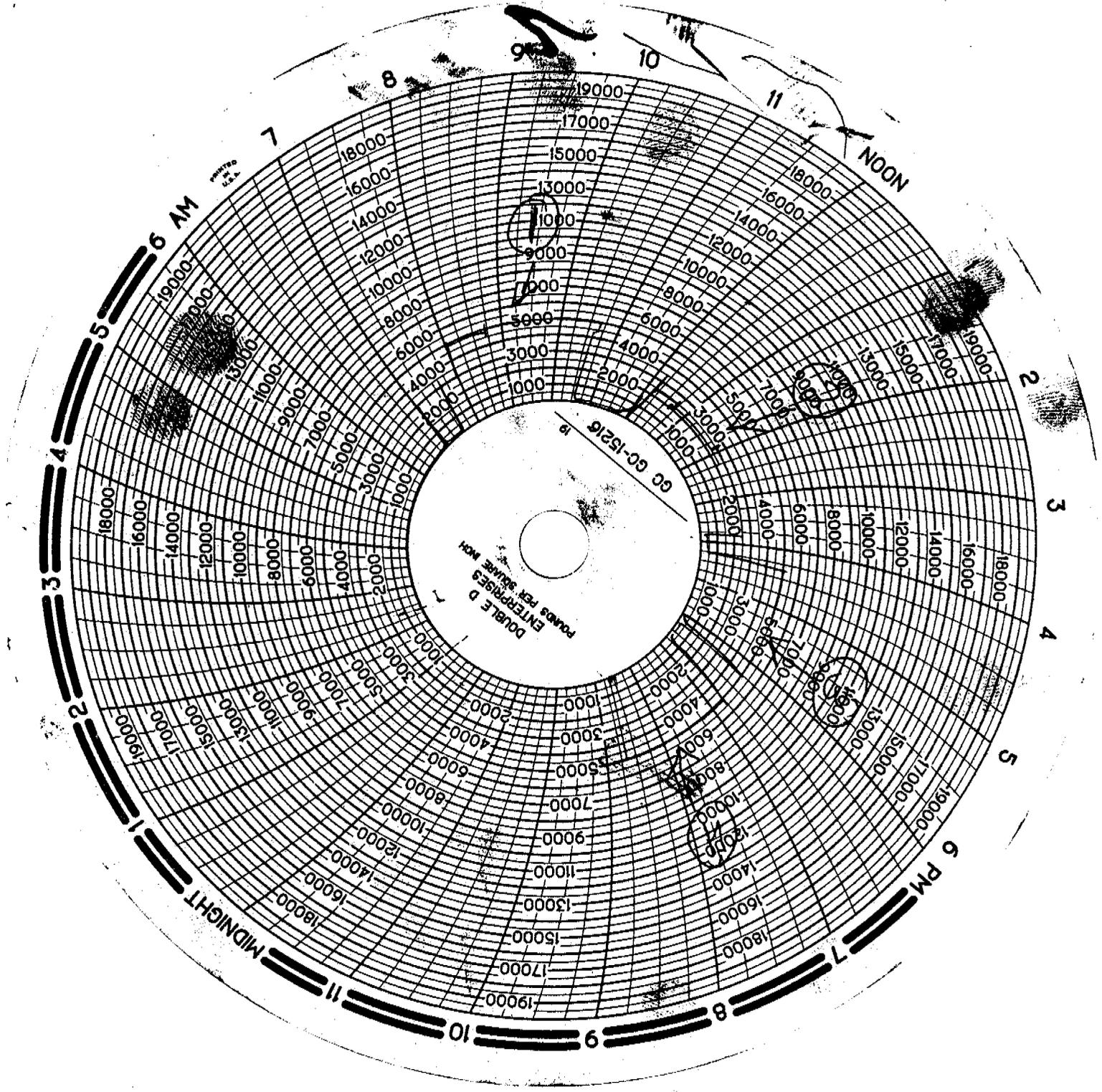
ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston..... OFFICE

Chaparral

2-9-84

- ① 4:20 - 4:35 3 1/2 pipe rams,
4:40 psi on hydril, leaking by increase cummy
pressure.
- ② 4:45 - 5:00 Test on hydril
- ③ 5:05 - 5:25 Blind rams
5:45 - psi on 2 3/8 rams Leak on flange
on side of rams
- ④ 6:00 - 6:15 Test on 2 3/8 rams, valve on side
of Blind rams.





DOUBLE D
ENTERPRISES
FOAMS PER SQUARE FOOT

GC GC-15216

WYOMING DEPARTMENT OF ENERGY



Evanston District Office
P.O. Box 1909
Evanston, WY 82930

February 17, 1984

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

Re: Our Job No. EV-BO-40011
ARE W16-12
Anschutz Ranch East
Summit County Utah
Survey date: 2-16-84

Dear Sirs:

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

Each folder contains the survey results and the plots.

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

Sincerely,


Glenn Camp
District Supervisor

enclosure

GC/sc

RECEIVED
FEB 23 1984

**DIVISION OF
OIL, GAS & MINING**

DISTRIBUTION LIST FOR A.R.E. W16-12

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

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

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

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

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

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

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

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

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

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

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

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

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



Amoco Production Company

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

T. G. Doss
District Superintendent

RECEIVED
MAR 1 1984

February 27, 1984

**DIVISION OF
OIL, GAS & MINING**

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

File: TGD-42-420.112/WF

RE: Logs for the Anschutz Ranch East W16-12

Please place attached logs in your Anschutz Ranch East W16-12 file. The well is in Sec. 16, T4N, R8E Summit County, Utah. Find enclosed:

<u>Log Name</u>	<u>Date</u>	<u>Copies</u>
1. Dual Induction - SFL	1/6/83	1
2. Compensated Neutron Formation Density	1/6/84	1
3. Borehole Geometry Tool	11/4/83	1
4. Borehole Compensated Sonic Log	11/4/83	1

If any further assistance is needed please call Russ Loveless
1-307-789-1700. Thank you.

T. G. Doss

RSL/sw

Attachments

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. Fee	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Anschutz Ranch East	
8. FARM OR LEASE NAME Anschutz Ranch East	
9. WELL NO. W16-12	
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 16, T4N, R8E	
12. COUNTY OR PARISH Summit	13. STATE Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

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

SW/4 NW/4 2588.45' FNL & 378.12' FWL

14. PERMIT NO.
43-043-30231

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
7379.2

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

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

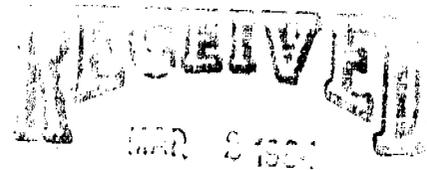
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Date: 02/23/84

Total Depth: 15,112'

Completion Contractor: Chapparel #1

Carrying out completion operations.



DIVISION OF
OIL, GAS & MINING

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

SIGNED R. J. Weber TITLE Staff Admin. Analyst (SG) DATE 2-28-84

(This space for Federal or State office use)

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

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

SUBMIT IN DUPLICATE*
(See other instructions
on reverse side)

56 64 01

Fee

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W16-12

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 16, T4N, R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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 829, Evanston, Wyoming 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface* 2756 FSL, 454 FWL, Sec. 16, T4N, R8E

At top prod. interval reported below 226 FSL 1006 FWL
At total depth* 2190 FSL 1134 FWL

14. PERMIT NO. 43-043-302311
DATE ISSUED

RECEIVED
APR 17 1984
DIVISION OF OIL
GAS & MINING
SW NW

15. DATE SPUDDED 7/25/83
16. DATE T.D. REACHED 1/6/84
17. DATE COMPL. (Ready to prod.) 4/4/84
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 7387
19. ELEV. CASINGHEAD GL 7360

20. TOTAL DEPTH, MD & TVD 15112 MD 15050 TVD
21. PLUG, BACK T.D., MD & TVD 14533 MD 14476 TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY Surface - TD
ROTARY TOOLS
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Nugget Sandstone
13394 - 13750 MD 13344 - 13696 TVD
25. WAS DIRECTIONAL SURVEY MADE
Surface - 14520'

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-CNL, BHC, DTL, Dipmeter, CVL, PL Fracture Intensity Log,
27. WAS WELL CORDED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	72/61/68	4862	17	5350 sxs A	none
9 7/8, 9 5/8	62.8/53.5	11757	12 1/2	1155 sxs H, 50/50 Poz	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8	10852	12102	275	
5	10473	15105	95	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2	10473	10473

31. PERFORATION RECORD (Interval, size and number)

13394 - 13474
13480 - 13520
13552 - 13654
13684 - 13728
13738 - 13750

All 4JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2/18/84	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/1/84	24	48/64	→	1247	9376	422	7519

FLOW. TUBING PRSS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1700	0	→	1247	9376	422	45

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Reinjected for Pressure Maintenance

35. LIST OF ATTACHMENTS

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

SIGNED WR Halverson TITLE District Dir. Supt. DATE 04/1/84

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



Amoco Production Company

April 16, 1984

Division of Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

File: JEK-149/WF

RE: Logs for A.R.E. W16-12

Dear Sir:

Please file the following logs in your W16-12 file.

Temperature Production Log

Dual Spacing Thermal Neutron Decay Time Log

If you have any further questions please contact Karen Gollmer
at this office. (307) 789-1700 X 2206


Louis Lozzie
Administrative Supervisor
Amoco Production Company

KG/

Enclosures

RECEIVED

APR 20 1984

**DIVISION OF OIL
GAS & MINING**



Amoco Production Company

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

Steve W. Souders
Division Production Manager

September 12, 1984

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

Attention: Claudia Jones

File: DFK-940-416

Reclassifying Anschutz Ranch East
Unit Wells from Gas to Oil

RECEIVED

SEP 17 1984

**DIVISION OF OIL
GAS & MINING**

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

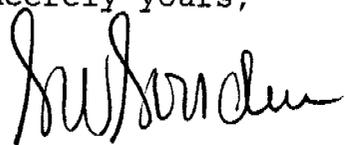
- (6) "oil" means crude oil or condensate or any mixture thereof defined as follows:
 - (b) "condensate" means those hydrocarbons, regardless of gravity, that occur naturally in the gaseous phase in the reservoir that are separated from the natural gas as liquids through the process of condensation either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

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

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

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

Sincerely yours,

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

SDE/jwu

Attachment

LTR119

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

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

Denver E&P Division
September 13, 1984

RECEIVED

SEP 19 1984

DIVISION OF OIL
GAS & MINING

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

Attention: Diane Nielson

CLASSIFICATION OF WELLS:
ANSCHUTZ RANCH EAST UNIT
EAST PARTICIPATING AREA

Gentlemen:

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

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

Yours very truly,


J. L. Douglass
Regulatory Compliance Manager

SEHunt:270:slr

cc RS Fifth
JR Bazz



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 24, 1984

COPY

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

Dear Mr. Souders:

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

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

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

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

Page 2

Amoco Production Company
September 24, 1984

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

Sincerely,

Original Signed by John R. Baza

John R. Baza
Petroleum Engineer

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

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

SUBMIT IN TRIPLICATE*
(Give instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2756' FSL & 454' FWL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT ASSESSMENT NAME Anschutz Ranch East</p> <p>8. FARM OR LEASE NAME W16-12</p> <p>9. WELL NO. W16-12</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR S.E., AND SURVEY OR AREA Sec. 16, T4N, R8E</p> <p>12. COUNTY OR PARISH 13. STATE Summit UT</p>
<p>14. PERMIT NO. 43-043-30231</p>	<p>15. ELEVATIONS (Show whether SP, ST, OR, etc.) 7387' KB 7360' GL</p>	

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

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

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

TO IMPROVE VERTICAL CONFORMANCE AND SWEEP FOR SAID WELL

Cement squeeze 13684'-13728' and 13738'-13750' to eliminate water production

Cement squeeze 13394'-13474' and 13480'-13520'

Reperforate 13552'-13648'

Perforate 13130'-13156', 13166'-13181', 13194'-13232',
13240'-13244', 13252'-13300', 13325'-13344' and
13352'-13376'

Start date 5/19/85

Verbal approval given to Mike Healy Amoco by Ron Firth Utah Oil and Gas 4/19/85

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4/23/85
BY: John R. Baya

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

SIGNED [Signature] TITLE District Engineer DATE 4/19/85

(This space for Federal or State office use)

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



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

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

DIVISION OF
OIL, GAS & MINING

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

Attn: Claudia Jones

Dear Claudia:

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

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SENW, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16-06 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17-12 167	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043-95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SENW, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SENW, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, Sec 30, T4N, R8E

Production wells (cont.)

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

Injection wells

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

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

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

Thank you,

R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

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

SUBMIT **TRIPPLICATE***
(Other instructions on reverse side)

080616

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. Fee	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Anschtuz Ranch East	
8. FARM OR LEASE NAME W16-12	
9. WELL NO. W16-12	
10. FIELD AND POOL, OR WILDCAT Nugget	
11. SEC., T., R., M., OR BLK. AND SURVEY OR ABNA Sec. 16, T4N, R8E	
12. COUNTY OR PARISH Summit	13. STATE Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2756' FSL & 454' FWL

14. PERMIT NO.
43-043-30231

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
7387' KB 7360' GL

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

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

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

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

To improve producing vertical conformance, upper Zone 1 will be cement squeezed. The following perforated intervals will be squeezed with 100 sx Class "H" cement:

- 13,130' - 13,156'
- 13,166' - 13,181'
- 13,194' - 13,232'
- 13,240' - 13,244'

The squeezed intervals will then be drilled out and pressure-tested. The well will then be placed back on production. Work should commence August 1, 1986 and should conclude in 6 - 7 days.

RECEIVED

AUG 01 1986

**DIVISION OF OIL
GAS & MINING**

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

SIGNED *Robert S. Galt* TITLE Staff Fac. Eng. Supervisor DATE 7-30-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

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

DATE: 7-30-86
BY: *John R. Day*

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2756' FSL & 454' FWL		8. FARM OR LEASE NAME W16-12
14. PERMIT NO. 43-043-30231		9. WELL NO. W16-12
15. ELEVATIONS (Show whether of, RT, CR, etc.) 7387' KB 7360' GL		10. FIELD AND POOL, OR WILDCAT Nugget
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T4N, R8E
NOTICE OF INTENTION TO:		12. COUNTY OR PARISH 13. STATE Summit Utah
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input checked="" 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"/>	SUBSEQUENT REPORT OF:
		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"/>
(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.)		

After upper Zone 1 was cement squeezed, the cement retainer and cast iron birdge plug (CIBP) were drilled out and the remaining perforated intervals were found to be covered with cement. The cement reentered back into the wellbore from the set of perforations immediately below the CIBP. The following intervals will be reperforated in order to re-establish production from the well:

- 13,252' - 13,264'
- 13,275' - 13,313'
- 13,325' - 13,344'
- 13,352' - 13,376'
- 13,552' - 13,648'

RECEIVED
AUG 27 1986

Work should commence August 25, 1986 and should be complete by August 26, 1986. **DIVISION OF OIL, GAS & MINING**

18. I hereby certify that the foregoing is true and correct
 SIGNED Vann E. Prater TITLE Sr. Stf. Pet. Eng. Supervisor DATE 8-25-86

(This space for Federal or State office use)

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

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

DATE: 8-27-86
 BY: Original Signed by John R. Bay

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

090419

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		7. UNIT AGREEMENT NAME Anschutz Ranch East
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		8. FARM OR LEASE NAME W16-12
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2756' FSL & 454' FWL		9. WELL NO. W16-12
14. PERMIT NO. 43-043-30231		10. FIELD AND POOL, OR WILDCAT Nugget
15. ELEVATIONS (Show whether DF, ST, OR, etc.) 7387' KB 7360' GL		11. SEC., T., R., M., OR S.E.C. AND SURVEY OR AREA Sec. 16, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

A cast iron bridge plug was set at 13,248' and a cement retainer was set at 13,120'. Several batches of Class "H" cement were squeezed into the following perforated intervals before a squeeze was obtained:

- 13,130' - 13,156'
- 13,166' - 13,181'
- 13,194' - 13,232'
- 13,240' - 13,244'

A total of 550 sx of Class "H" cement were used to obtain a squeeze. The well was drilled out to plug-back depth and production tubing and packer were run back in the well. The packer was set at 10,417'. The rig was moved off location on 8-26-86 and the well was floored to the plant on 8-27-86.

RECEIVED
SEP 02 1986

DIVISION OF OIL, GAS & MINING

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

SIGNED *R. Ramsey* TITLE *Dist Admin Super.* DATE 8-27-86

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

SUBMIT **TRIPPLICATE***
(Other instructions on reverse side)

5

091903

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2756' FSL & 454' FWL		8. FARM OR LEASE NAME W16-12
14. PERMIT NO. 43-043-30231	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7387' KB 7360' GL	9. WELL NO. W16-12
		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

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

The following intervals were reperfored in Lower Zone 1 and Zone 2:

- 13,252' - 13,264'
- 13,275' - 13,313'
- 13,325' - 13,344'
- 13,352' - 13,376'
- 13,552' - 13,648'

Work was finished on September 10, 1986 and the wireline unit was moved the same day.

RECEIVED
SEP 17 1986
DIVISION OF OIL, GAS & MINING

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

SIGNED Richard A. Warty TITLE _____ DATE 9-15-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

14. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: TEST WITH SHUT-OFF, FRACTURE TREAT, SHOOT OR ACIDIZE, REPAIR WELL, (Other). CONSEQUENT REPORT OF: WATER SHUT-OFF, FRACTURE TREATMENT, SHOOTING OR ACIDIZING, (Other), REPAIRING WELL, ALTERING CASING, ABANDONMENT.

17. DESCRIBE SHUT-OFF 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 some pertinent to this work.)

In order to diminish the buildup of annulus pressure in the subject well, Amoco Production Company requests authorization to repair the casing using the following procedure:

- 1) Set CIBP @ 13,280'.
2) Set cmt ret @ 13,110'.
3) Cmt sqz from 13,130'-13244' w/ 550 sx class H cmt (Interval was cement squeezed during a workover in August, 1986.
4) Pressure test casing. IF it holds, drill out cmt and CIBP to PBTD @ 13,694'.
5) CO to PBTD
6) RTP.

IF you require additional information, please contact David Hawkins at (303) 830-4213.

18. I hereby certify that the foregoing is true and correct. SIGNED David J. Hawkins TITLE Permitting Representative DATE 9/13/91

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING. DATE: 9/13/91 BY: [Signature]

*See Instructions on Reverse Side

Facsimile Transmission

Addresser's Telecopier Phone <i>(301) 359-3940</i>		Date <i>9-13-91</i>	Page <i>1 of 2</i>
To: <i>Ron Firth</i>	Company <i>Utah Oil + Gas</i>	Location <i>Salt Lake City</i>	Mail Code/Room
From: <i>David Hawkins</i>	Company <i>Amoco</i>	Location <i>Denver</i>	Mail Code/Room
Initiated By	Approved By	<input type="checkbox"/> Call _____ for pickup. <input type="checkbox"/> Return to _____	

Ron,

If you have any questions concerning this procedure, please contact me at (303) 830-4213. Otherwise, our engineers intend to begin work on the 14th or 15th. Thanks!

David Hawkins

RECEIVED

SEP 13 1991

DIVISION OF
OIL GAS & MINING

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Anschutz Ranch East
8. FARM OR LEASE NAME Anschutz Ranch East
9. WELL NO. W16-12
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East-Nugget
11. SEC., T., R. M., OR S.E. AND SUBST OR AREA Sec. 16, T4N-R8E
12. COUNTY OR PARISH Summit
13. STATE Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P.O. Box 800, Rm. 1870, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
sw/4 Sec. 16, 2756' FSL x 454' FWL

14. PERMIT NO.
43-043-30231

15. ELEVATIONS (Show whether ss, ht, or, etc.)
7360' GR

SEP 18 1991
DIVISION OF OIL & GAS & MINING

RECEIVED

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

In order to diminish the buildup of annulus pressure in the subject well, Amoco Production Company requests authorization to repair the casing using the following procedure:

- 1) Set CIBP @ 13,280'.
- 2) Set cmt ret @ 13,110'.
- 3) Cmt sqz from 13,130'-13244' w/ 550 sx class H cmt (Interval was cement squeezed during a workover in August, 1986.
- 4) Pressure test casing. If it holds, drill out cmt and CIBP to PBTD @ 13,694'.
- 5) CO to PBTD
- 6) RTP.

If you require additional information, please contact David Hawkins at (303) 830-4213.

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

SIGNED David J. Hawkins TITLE Permitting Representative DATE 9/13/91

(This space for Federal or State office use)

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

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

DATE: 9/20/91
BY: [Signature]

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W16-12

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East-Nugget

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

Sec. 16, T4N-R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P. O. Box 800, Rm. 1870, Denver, CO 80201

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

SW/4 Sec. 16, 2756' FSL x 454' FWL

14. PERMIT NO.

43-043-30231

15. ELEVATIONS (Show whether DF, ST, CR, OR.)

7360' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

In order to diminish the buildup of annulus pressure in the subject well, Amoco Production Company repaired the casing using the following procedure:

- 1) Set CIBP @ 13,246'.
- 2) Set cement retainer @ 13,110'.
- 3) Cement squeezed from 13,130'-13,244' with 250 sx Class H cement.
- 4) Pressure tested casing. 1000psi 15min. OK
- 5) Drilled out cement retainer and CIBP to PBTD @ 13,694'.
- 6) CO to PBTD.
- 7) RTP.

If you require additional information, please contact David Hawkins at (303) 830-4213.

Notes: No change in production rate.

RECEIVED

OCT 17 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED

David L. Hawkins for
N. STANESCO

TITLE

Sr. Staff Admin. Supervisor

DATE

10/15/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAY - 8 1995

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number:
2. Name of Operator: Amoco Production Company		6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: P. O. Box 800, Room 2195, Denver, Co. 80201 (303) 830-5523		7. Unit Agreement Name: Anschutz Ranch East
4. Location of Well Footages: 2756' FSL x 454 FWL' QQ, Sec., T., R., M.: SW/4 NW/4 Sec. 16- T04N-R08E		8. Well Name and Number: ARE W16-12
		9. API Well Number: 43-043-30231
		10. Field and Pool, or Wildcat: Tensleep
		County: Summit State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

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

Amoco Production Company proposes to re-perforate the Nugget zone 1 to increase production using the following procedure:

Perforate the Nugget at 13,130'-13,204' with 4 JSPF with 2.125 gun.

If you need any additional information, please call Felicia Yuen (Project Engineer) at (303) 830-4859 or Sheryl Lebsack (303) 830-5523.

13. Name & Signature: Sheryl Lebsack Title: Regulatory Analyst Date: 5/2/95

(This space for State use only)

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
 AMOCO ROCMOUNT COMPANY
 PO BOX 800
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

Well Name	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
							OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W16-12	4304330231	04540	04N 08E 16	NGSD			Fee		
ANSCHUTZ RANCH EAST W20-04	4304330238	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W29-06A	4304330250	04540	04N 08E 29	NGSD			"		
ANSCHUTZ RANCH EAST W29-14A	4304330251	04540	04N 08E 29	NGSD			"		
ANSCHUTZ RANCH EAST E28-12	4304330257	04540	04N 08E 28	NGSD			"		
ANSCHUTZ RANCH EAST W01-04	4304330270	04540	03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W01-12	4304330271	04540	03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W30-06	4304330273	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W11-1	4304330277	04540	03N 07E 11	NGSD			"		
ANSCHUTZ RANCH EAST W30-13	4304330279	04540	04N 07E 25	NGSD			"		
ANSCHUTZ RANCH EAST W12-04	4304330283	04540	03N 07E 2	NGSD			"		
ANSCHUTZ RANCH EAST W20-09	4304330286	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W20-03	4304330291	04540	04N 08E 20	NGSD			"		
TOTALS									

COMMENTS: _____

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

Date: _____

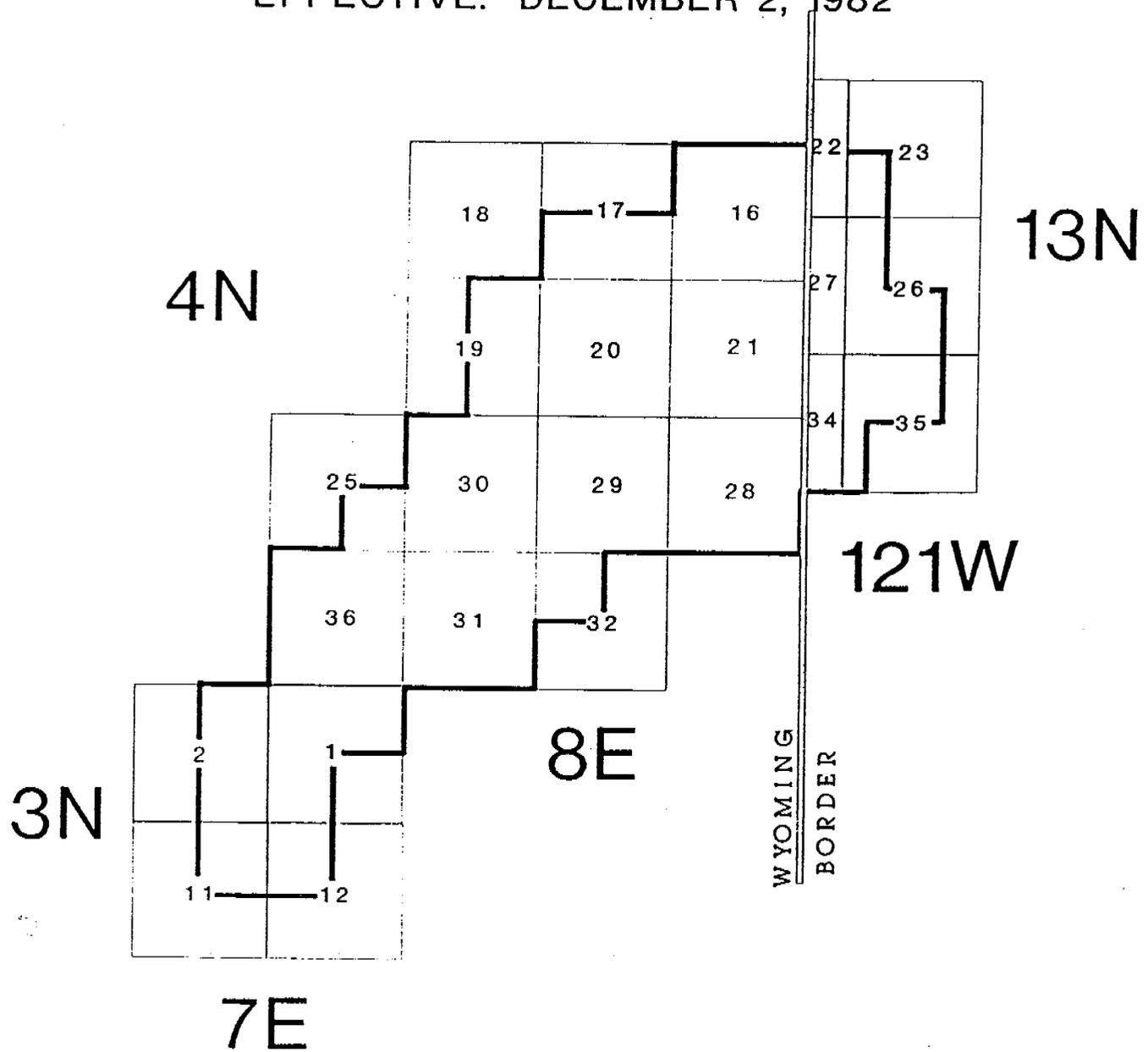
Name and Signature: _____

Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



— UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number:
2. Name of Operator: Amoco Production Company		6. If Indian, Allottee or Tribe Name: Anschutz Ranch East
3. Address and Telephone Number: P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781		7. Unit Agreement Name: W16-12
4. Location of Well Footages: 2756' FSL, 454' FWL		8. Well Name and Number:
OO, Sec., T., R., M.: Sec 16, T4N, R8E		9. API Well Number: 43-043-30231
		10. Field and Pool, or Wildcat: Tensleep
		County: Summit State: Utah

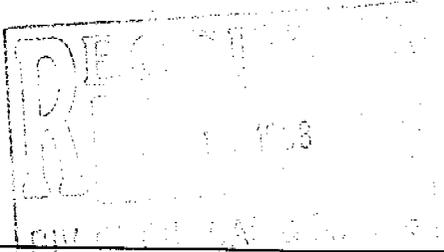
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion _____	
		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

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

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



Signature: Gigi Martinez Title: Permit Agent Date: 2/5/98

(Space for State use only)

State of Delaware
Office of the Secretary of State

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

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

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



Edward J. Freel

Edward J. Freel, Secretary of State

0934277 8100

950022938

AUTHENTICATION:

7391913

DATE:

01-31-95

*ATTN: Lisha Cordova
801-359-3904*

4 pages

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

CERTIFICATE OF DISSOLUTION
OF
AMOCO ROCMOUNT COMPANY

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

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

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

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

DIRECTORS

NAMES

ADDRESSES

J. M. Brown

501 WestLake Park Boulevard
Houston, TX 77079

J. M. Gross

501 WestLake Park Boulevard
Houston, TX 77079

D. H. Welch

200 East Randolph Drive
Chicago, IL 60601

OFFICERS

NAMES

OFFICES

ADDRESS

J. M. Brown

President

501 WestLake Park Blvd.
Houston, TX 77079

M. R. Gile

Vice President

1670 Broadway
Denver, CO 80202

J. N. Jagers

Vice President

1670 Broadway
Denver, CO 80202

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

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

AMOCO ROCMOUNT COMPANY

ATTEST:

By Rebecca S. McGee
Assistant Secretary

By 
M. R. Gile, Vice President

STATE OF COLORADO)
)
CITY OF DENVER) ss.

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

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

Sheryl A. White
Notary Public



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

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

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

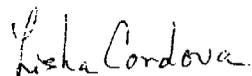
This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

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

Your assistance in this matter is appreciated.

Sincerely,



Lisha Cordova
Admin. Analyst, Oil & Gas

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

OPERATOR CHANGE WORKSHEET

Routing	
1-REC ✓	6-TRA ✓
2-GR/H ✓	7-KAS ✓
3-ETS ✓	8-S ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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

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

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

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

WELL(S) attach additional page if needed: ***ANSCHUTZ RANCH EAST UNIT**

Name: **SEE ATTACHED**	API: <u>43-043-3623</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

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

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

RECEIVED
MAY - 8 1995

5. Lease Designation and Serial Number:

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

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

7. Unit Agreement Name:

Anschutz Ranch East

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

ARE W16-12

2. Name of Operator:

Amoco Production Company

9. API Well Number:

43-043-30231

3. Address and Telephone Number:

P. O. Box 800, Room 2195, Denver, Co. 80201 (303) 830-5523

10. Field and Pool, or Wildcat:

Tensleep

4. Location of Well

Footages: 2756' FSL x 454 FWL'

County: Summit

QQ, Sec., T., R., M.: SW/4 NW/4 Sec. 16- T04N-R08E

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

Amoco Production Company proposes to re-perforate the Nugget zone 1 to increase production using the following procedure:

Perforate the Nugget at 13,130'-13,204' with 4 JSPF with 2.125 gun.

If you need any additional information, please call Felicia Yuen (Project Engineer) at (303) 830-4859 or Sheryl Lebsack (303) 830-5523.

13.

Name & Signature:

Sheryl Lebsack

Title: Regulatory Analyst

Date: 5/2/95

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING.

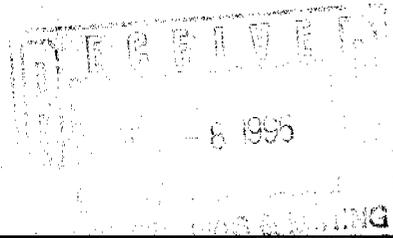
SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: <p style="text-align: center;">FEE</p>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name: 7. Unit Agreement Name: <p style="text-align: center;">Anschutz Ranch East</p>
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	8. Well Name and Number: <p style="text-align: center;">ARE W16-12</p>	
2. Name of Operator: <p style="text-align: center;">Amoco Production Company</p>	9. API Well Number: <p style="text-align: center;">43-043-30231</p>	
3. Address and Telephone Number: <p style="text-align: center;">P.O. Box 800 Room 1720A Denver, CO 80201</p>	10. Field and Pool, or Wildcat: <p style="text-align: center;">Tensleep</p>	
4. Location of Well Footages: 2756' FSL x 454' FWL QQ, Sec., T., R., M.: SW/4 NW/4 Sec 16 T04N-R08E	County: Summit State: Utah	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate date work will start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input checked="" type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of work completion _____</p> <p style="font-size: x-small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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<input type="checkbox"/> Other _____																											

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

Amoco Production Company re-perforated the Nugget zone 1 to increase production by perforating from 13,130'-13,204' using 4 JSPF with 2.125 gun. The well was then returned to production.

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



13. Name & Signature: Raelene K. Krcil Title: Regulatory Analyst Date: 4/1/96

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tax credit
2/5/96 ✓

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

FORM 9

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

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.
 Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.
 Also attached for the Board's file is a copy of the Board Resolution approving the name change.

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

(This space for State use only)

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.

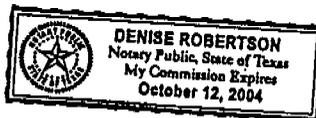
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




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

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

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

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

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

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

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

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

DATA ENTRY:

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

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

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

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

STATE BOND VERIFICATION:

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

INDIAN BOND VERIFICATION:

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

FEDERAL BOND VERIFICATION:

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

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

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

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

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: BP AMERICA PRODUCTION COMPANY SUITE A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1013 CHEYENNE DR. CITY EVANSTON STATE WY ZIP 82930		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2756 FSL x 454 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 16 4N 8E		8. WELL NAME and NUMBER: ARE W16-12
PHONE NUMBER: (303) 423-5749		9. API NUMBER: 4304330231
COUNTY: SUMMIT		10. FIELD AND POOL, OR WILDCAT: ANSCHUTZ RANCH EAST
STATE: UTAH		

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

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

The ARE W16-12 is shut in and has not been plugged and abandoned due to potential for a future salt water disposal well. BP's plan is to hold these wells in a Temporarily Abandoned status until this potential is verified or eliminated. Upon elimination of potential, the wells will be plugged and abandoned. As for mechanical integrity: These wells all have packers installed and casing pressure is monitored by our field personnel. The wellhead valves are also on a regular PM for greasing and testing.

Please call Kris Lee at 303-423-5749 or Clark Lawler at 307-783-2406 if you have questions.

COPY SENT TO OPERATOR
Date: 11-19-03
Initial: CHD

RECEIVED
MAR 27 2003

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see attached sheet).

[Signature]
November 19, 2003
Utah Division of Oil, Gas and Mining

NAME (PLEASE PRINT) Kristina A. Lee	TITLE Regulatory Specialist
SIGNATURE <i>Kristina Lee</i>	DATE 3/17/2003

(This space for State use only)

INFORMATION REQUIRED TO EXTEND SI/TA OF WELL

Well Name and Number: ARE W16-12
API Number: 43-043-30231
Operator: Merit Energy Company
Reference Document: Original Sundry dated March 17, 2003, received by
DOGM on March 27, 2003

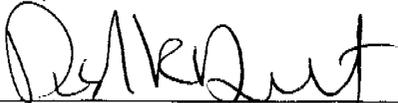
The well has been Shut-in/Temporarily Abandoned for 8 years 1 month. Insufficient information was submitted to the Division to approve the referenced well for continued Shut-in or Temporary Abandonment (SI/TA). The following requirements of R649-3-36 have not been met with this request for SI/TA approval.

1. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
2. 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)

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/or;
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.



Dustin K. Doucet
Petroleum Engineer

November 19, 2003

Date

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		7. UNIT or CA AGREEMENT NAME: See Attached
2. NAME OF OPERATOR: BP America Production Company		8. WELL NAME and NUMBER: See Attached
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv CITY Houston STATE TX ZIP 77079		9. API NUMBER: Attached
PHONE NUMBER: (281) 366-2000		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"/> 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 checked="" 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 type="checkbox"/> OTHER: _____

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 Forst N. Digm Title V.P.

Signature [Signature] Date 7/1/03

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

SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

RECEIVED

JUL 03 2003

DIV. OF OIL, GAS & MIN

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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



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

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

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

August 26, 2003

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

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

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

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

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

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

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

IN PLACE

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

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

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

DATA ENTRY:

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

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

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

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

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

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:



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

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

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2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
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6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
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14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
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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



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.

Regards,



Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

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

Return-path: <Lance.Taylor@meritenergy.com>
Received: from imail.meritenergy.com [208.133.141.18]
by UTSTD13.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



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 recompleat all twenty-four wells by year-end 2004. Many of the recompletions 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 recompleation 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

	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
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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



MERIT ENERGY COMPANY

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

January 7, 2005

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

This letter is in response to a telephone conversation that I had with Clint Dworshak on December 6, 2004. At that time, he requested that I provide information on Merit Energy Company's shut-in wells at Anschutz Ranch East, proving that the ground waters are protected.

Enclosed, please find a summary sheet, as well as wellbore diagrams for the subject wells.

If you have any questions or wish to discuss this further, please contact me at (972) 628-1550 or electronically at mike.mercer@meritenergy.com.

Sincerely,

Michael L. Mercer
Engineering

UTAH DOGM – SI WELL LIST

Wells to be Reactivated in 2005

- CHAMPLIN 372 C1
 - Packer at 8,320 (MD) 6,648 (TVD)
 - Top of cement (TOC) at 4,906
 - Tubing Pressure 1250#
 - Casing Pressure 0#
 - The 4-1/2" liner is cemented in place at 5090 (below the TOC). The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-06
 - Packer at 13,398
 - Top of cement (TOC) at 12,640
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - The packer is located below the TOC. When Merit set the packer in October 2004, we pressure tested the annulus to 500 psi and it held. Therefore, the casing has integrity and the ground waters are protected.
- ARE W30-02
 - Packer at none
 - Top of cement (TOC) at 12,452
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 8200' from Surface
 - On 09/02/03, Merit ran a packer in this well and sat it at 13055' (below the TOC). The casing and packer were pressure tested to 1500 psi and held. The packer has since been removed and there is open-ended tubing in the well. However, the casing has integrity and the ground waters are protected.
- ARE W36-14
 - Packer at 13,988
 - Top of cement (TOC) at 13,700
 - Tubing Pressure 400#
 - Casing Pressure 0#
 - The packer is set below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W30-06
 - Packer at 13,450
 - Top of cement (TOC) at 11,200 (7" casing)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - The packer is set below the TOC. The 9-5/8" casing string has cement f/ 11911-7940. The 13-3/8" casing has cement f/ 5745-1200. With no pressure on the casing, and three strings of casing (7", 9-5/8", 13-3/8"), the ground waters are protected.
- ARE W30-13
 - Packer at 12,320
 - Top of cement (TOC) at 12,200
 - Tubing Pressure 300#
 - Casing Pressure 0#
 - The packer is set below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.

UTAH DOGM – SI WELL LIST

- ARE W31-12
 - Packer at none
 - Top of cement (TOC) at 10,700
 - Casing Pressure 100#
 - Fluid Level 1000' from Surface
 - There is not a packer or tubing in this well. The static fluid level is 1000' from surface. There is a 13-3/8" casing string set at 2846', a 9-5/8" casing string set at 10272', and a 7" tie-back casing string set at 9919'. These three casing strings are protecting the ground waters.

Wells with No Immediate Plans

- ARE W31-04
 - Packer at 14,000
 - Top of cement (TOC) at 11,900
 - Tubing Pressure 1100#
 - Casing Pressure 50#
 - This well is a horizontal sidetrack. The primary cement job on the original production casing had a TOC at 11,900. The kick-off point for the horizontal leg is below this depth. Additionally, the drill string was cemented in the horizontal section with the TOC estimated to be between 13126 and 13310. Based on the fact that the tubing and casing pressures are different, the two are not in communication and therefore, the ground waters are protected.
- ARE W01-12
 - Packer at 14,317
 - Top of cement (TOC) at 14,290
 - Tubing Pressure 300#
 - Casing Pressure 0#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W19-16
 - Packer at 9,756
 - Top of cement (TOC) at unknown
 - Tubing Pressure 1000#
 - Casing Pressure 0#
 - The packer is located in the "Tie-Back" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W20-04
 - Packer (PBR) at 10,489
 - Top of cement (TOC) at 9,415 (9-5/8" & 9-7/8" casing string)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 9600' from Surface
 - The tubing is tied into the 5" liner with a polish bore receptacle (PBR) at 10,489. The TOC for the intermediate casing is above this point (at 9,415). The static fluid level is at 9600' (below the TOC), therefore, the ground waters are protected.
- ARE W01-04
 - Packer at 13,891
 - Top of cement (TOC) at 13,600
 - Tubing Pressure 1400#
 - Casing Pressure 100#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.

UTAH DOGM – SI WELL LIST

- ARE W11-01
 - Packer at 12,733
 - Top of cement (TOC) at 12,100
 - Tubing Pressure 1500#
 - Casing Pressure 50#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W20-03
 - Packer at 13,271
 - Top of cement (TOC) at 12,600
 - Tubing Pressure 1400#
 - Casing Pressure 75#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-14
 - Packer (PBR) at 10,500
 - Top of cement (TOC) at 9,650 (9-5/8" casing)
 - Tubing Pressure 1500#
 - Casing Pressure 850#
 - The tubing is tied into the 4-1/2" liner with a PBR at 10,500. This is below the TOC for the 9-5/8" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-12
 - Packer at 10,304
 - Top of cement (TOC) at 10,100 (9-5/8" casing)
 - Tubing Pressure 50#
 - Casing Pressure 0#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- CHAMPLIN 387 B1A
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 5200' from surface
 - Merit has no wellfiles regarding this well. We are currently trying to obtain information on this well
- ARE W17-16
 - Packer (PBR) at 10,237
 - Top of cement (TOC) at 10,371 (7-5/8" casing)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 8400' from Surface
 - The tubing is tied into the 5" liner with a PBR at 10,237. There is a 13-3/8" casing string set at 2526', a 9-5/8" casing string set at 10701', and a 7" tie-back casing string set at 10237'. These three casing strings are protecting the ground waters.



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.

- **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.

Regards,



Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

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

	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

UTAH DOGM – SI WELL LIST

- **ARE W20-06** – worked over in 2004, selectively swab tested individual zones. Installed gas lift (GL) equipment. Currently intermittently producing when lift gas is available.
- **ARE W31-04** – no immediate plans, will evaluate for reactivation.
- **ARE W36-10** – installed ESP. The well is producing.
- **ARE W36-08** – the well was reactivated in the fall of 2003. A capillary string was installed in September 2004. The well is producing.
- **ARE W21-04** – worked over in 2004. Installed GL equipment. Currently intermittently producing when lift gas is available.
- ✓ **CHAMPLIN 372 C1** – swabbed in October 2004. Swab results were encouraging. There are no production facilities or flowlines in place. We are in the process of purchasing a gas testing unit. Once the unit is in our possession, we will flow test this well and evaluate the economics of installing surface facilities.
- ✓ **ARE W16-06** – swabbed in November 2004. Currently sizing ESP and reconditioning generator for test. Anticipate having ESP running by end of the year.
- **ARE W01-12** – no immediate plans, will evaluate for reactivation.
- **ARE W30-02** – plan to install ESP in 2005 for test.
- **ARE W36-14** – plan to install ESP in 2005 for test.
- **ARE W30-06** – plan to install ESP in 2005 for test.
- **ARE W20-02** – worked over in 2004. Installed GL equipment. Currently intermittently producing when lift gas is available.
- **ARE W30-13** – plan to install ESP in 2005 for test.
- **ARE W19-16** – no immediate plans, will evaluate for reactivation.
- **ARE W20-04** – no immediate plans, will evaluate for reactivation.
- ✓ **ARE W31-12** – plan to test the Nugget, if unsuccessful, will attempt a Twin Creek completion.
- **ARE W01-04** – no immediate plans, will evaluate for reactivation.
- **ARE W11-01** – no immediate plans, will evaluate for reactivation.
- **ARE W20-03** – no immediate plans, will evaluate for reactivation.
- **ARE W16-14** – no immediate plans, will evaluate for reactivation.
- **ARE W16-12** – no immediate plans, will evaluate for reactivation.
- **CHAMPLIN 387 B1A** – no immediate plans, will evaluate for reactivation.
- **ARE W17-16** – no immediate plans, will evaluate for reactivation.
- **ARE E21-14** – the well was reactivated in December 2003. The well is producing.

MERIT ENERGY COMPANY

Anschutz Ranch East Unit

	WELLS	API Number	Tubing Pressure	Casing Pressure	STATUS ON / OFF	Static BHP	Static Fluid Level
1	ARE# W20-06	43-043-30159	100	200	Shut In	1835	7500-9000'
2	ARE# W31-04E	43-043-30165	1200	0	Shut In	?	?
3	ARE# W36-10	43-043-30227	100	0	Shut In	3042	7500-9000'
4	ARE# W36-08	43-043-30167	100	100	Producing	2844	6000-7500'
Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003							
1	ARE# W21-04 Champlin 372	43-043-30135	1850	450	Shut In	4130	12000'
2	Amoco #C-1	43-043-30143	0	0	Shut In	?	?
3	ARE# W16-06	43-043-30138	0	0	Shut In	?	?
4	ARE# W01-12	43-043-30271	600	0	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0	0	Shut In	?	?
6	ARE# W36-14	43-043-30255	2200	1500	Shut In	3420	Perfs
7	ARE# W30-06	43-043-30273	0	0	Shut In	2397	6000-7500'
8	ARE# W20-02	43-043-30228	100	100	Shut In	?	?
9	ARE# W30-13	43-043-30279	900	0	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400	0	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0	0	Shut In	?	?
12	ARE# W31-12	43-043-30190	20	450	Shut In	3494	4500-6000'
13	ARE# W01-04	43-043-30270			Shut In	4505	7500-9000'
14	ARE# W11-01	43-043-30277	1300	50	Shut In	4575	6000-7500'
15	ARE# W20-03	43-043-30291	1800	75	Shut In	3890	10500'
16	ARE# W16-14	43-043-30096	0	800	Shut In	4570	6000-7500'
17	ARE#16-12	43-043-30231	0	0	Shut In	4781	1500-3000'
18	Champlin 387 #B-1A	43-043-30168	0	0	Shut In	?	?
19	ARE# W17-16	43-043-30176	1100	0	Shut In	4734	3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

RECEIVED
 FEB 20 2004
 DIV. OF OIL, GAS & MINING

MERIT ENERGY COMPANY

Anschutz Ranch East Unit

	WELLS	API Number	Tubing Pressure	Casing Pressure	STATUS ON / OFF	Static BHP	Static Fluid Level
1	ARE# W20-06	43-043-30159	100	200	Shut In	1835	7500-9000'
2	ARE# W31-04E	43-043-30165	1200 ¹¹⁰⁰	0 ⁵⁰	Shut In	?	?
3	ARE# W36-10	43-043-30227	100	0	Shut In	3042	7500-9000'
4	ARE# W36-08	43-043-30167	100	100	Producing	2844	6000-7500'

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

1	ARE# W21-04	43-043-30135	1850	450	Shut In	4130	12000'
2	Champlin 372		1250	0	Perfs 6648'		
2	Amoco #C-1	43-043-30143	0	0	Shut In	?	?
3	ARE# W16-06	43-043-30138	0 ⁰	0 ⁰	Shut In	?	± 2100' ?
4	ARE# W01-12	43-043-30271	600 ³⁰⁰	0 ⁰	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0 ⁰	0 ⁰	Shut In	?	3200' ?
6	ARE# W36-14	43-043-30255	2200 ⁴⁰⁰	1500 ⁰	Shut In	3420	Perfs
7	ARE# W30-06	43-043-30273	0 ⁰	0 ⁰	Shut In	2397	6000-7500'
8	ARE# W20-02	43-043-30228	100	100	Shut In	?	?
9	ARE# W30-13	43-043-30279	900 ³⁰⁰	0 ⁰	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400 ¹⁰⁰⁰	0 ⁰	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0 ⁰	0 ⁰	Shut In	?	9600' ?
12	ARE# W31-12	43-043-30190	20 ¹⁰⁰	450 ¹⁰⁰	Shut In	3494	4500-6000'
13	ARE# W01-04	43-043-30270	1400	100	Shut In	4505	7500-9000'
14	ARE# W11-01	43-043-30277	1300 ¹⁵⁰⁰	50 ⁵⁰	Shut In	4575	6000-7500'
15	ARE# W20-03	43-043-30291	1800 ¹⁴⁰⁰	75 ⁷⁵	Shut In	3890	10500'
16	ARE# W16-14	43-043-30096	0 ¹⁵⁰⁰	800 ⁸⁵⁰	Shut In	4570	6000-7500'
17	ARE#16-12	43-043-30231	0 ⁵⁰	0 ⁰	Shut In	4781	1500-3000'
18	Champlin 387 #B-1A	43-043-30168	0 ⁰	0 ⁰	Shut In	?	5200 ?
19	ARE# W17-16	43-043-30176	1100 ⁰	0 ⁰	Shut In	4734	3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

Champlin 372 → Pressure from 0 to 1250 psi (tubing) No FL Perfs @ 6648' 222 BHP

ARE#36-14 → Casing pressure from 1500 to 0
Tubing pressure from 2200 to 400 FLE 4066' RECEIVED BHP = 3420 psi
(142 psi surf)
Grad = 0.0867 psi/ft
Curt FL @ 2000'

ARE W16-14 → Tubing from 0 to 1500 psi, casing remained @ ± 850 psi FLE 600', Perfs @ 12816' FEB-20-2004 BHP = 4570 psi Grad = 0.0867 psi/ft
Curt FL @ 2000'

ARE W17-16 → Tubing from 1100 to 0 FL from 4000' to 8400' FLE 4000' Perfs @ 4734' BHP = 4734 psi Grad = 0.315 psi/ft
Curt FL @ 8400'

From: Mike Mercer <Mike.Mercer@meritenergy.com>
To: "Dustin Doucet" <dustindoucet@utah.gov>
Date: 4/7/2005 3:12:05 PM
Subject: Re: SI/TA integrity questions

On the W16-14, the production foreman did have to replace the gauge to get the new (correct) reading.

On the W17-16, the pressures and fluid levels were actually taken off of a swab report (they did not get "static" readings), which explains why the fluid level (and tubing pressure) was so much lower.

Hope this takes care of you, if not, please call.

Thanks

Michael L. Mercer
Engineering
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240
(972) 628-1550 Direct
(972) 960-1252 Fax

"Dustin Doucet"
<dustindoucet@utah.gov>
To
<Mike.Mercer@meritenergy.com>
03/11/2005 04:14 PM cc
Subject
Re: SI/TA integrity questions

Mike,

Thanks for the info. A couple more questions. On the 16-14 and 17-16 do you figure the readings or gauges were incorrect last year or is their some other reason for the change in pressures?

Dustin

>>> Mike Mercer <Mike.Mercer@meritenergy.com> 03/11/05 1:48 PM >>>

Dustin,

Sorry it has taken me so long to get back with you...in response to your email, most are easily explained...(see below in red)

Regarding the W30-14, we are installing ESPs on either side of this well, we have a service company designing gas lift for this well and are evaluating a reactivation following the ESP installations. If we do not have the well reactivated in the next couple of months, I will provide you with the wellbore diagram, pressures, and fluid level.

Let me know if you need anything else. Thanks

Michael L. Mercer
Engineering
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240
(972) 628-1550 Direct
(972) 960-1252 Fax

"Dustin Doucet"
<dustindoucet@uta
h.gov>
To <mike.mercer@meritenergy.com>
cc 02/16/2005 04:04
PM
Subject SI/TA integrity questions

Mike,

I finally looked at the packet you provided us at our January 10th meeting and had questions that you may be able to answer on four wells.

My questions deal with pressure and fluid level changes that I didn't have enough info to explain why they changed. Also, I want to give you

a heads up that another well came on to the SI/TA list this year. It is

the ARE W 30-14 (API 43-043-30185). A similar plan/integrity scenario will have to be followed on this well as we've done with the current SI/TA wells. The four wells that I had questions on are as follows:

Champlin 372 - Tbg pressure went from 0 last year to 1250 psi this year ~~SWAB TESTED 2004~~

ARE W 36-14 - Tbg pressure went from 2200 to 400 psi, csg pressure went

from 1500 to 0 ~~WE PULLED THE OLD PKR, RAN A TEST PKR, SWABBED TESTED, AND~~

~~RAN THE ESP (WE HAVE HAD PROBLEMS, BUT WE HAVE ESTABLISHED COMMERCIAL PRODUCTION)~~

ARE W 16-14 - Tbg pressure went from 0 to 1500 psi, csg pressure did stay constant at ~ 850psi which is probably good, although pressure on the backside doesn't make me feel all warm and fuzzy ~~WE HAVE NOT DONE ANYTHING~~

ARE W 17-16 - Tbg pressure went from 1100 to 0 psi, FL went from 4000' to 8400' opposite of what you would expect hydrostatically based off of the pressure change ~~SWAB TESTED 2004 (FUTURE ESP INSTALLATION)~~

All in all I don't have a lot of concern for lack of integrity, but if you could provide me with some explanations as to why some of these changes occurred on these 4 wells, I would appreciate it. The good news

is that you are reactivating two of the four wells this year.

Hopefully, this email makes some sense. Give me a call if you like and

we can discuss or respond via email. Thanks.

Dustin

Dustin Doucet
Petroleum Engineer

Capillary Strings

Merit has also begun utilizing capillary strings to inject soap downhole to assist the well in lifting the produced water. We currently have five (5) capillary strings in service at Anschutz and are planning on installing four (4) more before the end of the year.

Gas Lift

Although gas lift is not new to Anschutz, Merit has been trying to extend its capabilities. Our first hurdle regarding gas lift is obtaining additional lift gas capacity. We currently utilize sales gas for gas lift. Based on our current compression, we are limited to 4 mmcf of lift gas. In addition to increasing our gas lift capability, Merit is exploring the idea of utilizing nitrogen for gas lift.

With that being said, we currently have seventeen wells capable of being gas lifted. Due to our limited lift gas capacity, only six (6) wells are currently being gas lifted.

Additionally, Merit is working with several service companies to explore ways to gas lift from below the packer. There are several wells at Anschutz that have one to two thousand feet of pay. As a result, conventional gas lift may or may not be effective. We have tried one method of gas lifting from below the packer and the results are great. However, this method is not a "cure-all". It will only work on select wells. We will continue to look for wells capable of being lifted in this manner. We are in the process of identifying a candidate to test another method of gas lifting from below the packer. As soon as the well is identified, the installation will be performed.

While Merit is still in the early phase of developing completion techniques to adequately produce the wells at Anschutz, we are making great progress. We have had to think "out-of-the-box" to come up with creative ways to remove the water and increase the gas and are exhausting all resources to improve production and reduce idle wellbores.

I have attached the February 13 letter as well as our current plans for the 24 wells.

If you have any questions or require additional information, please contact me at (972) 628-1550 or electronically at mike.mercer@meritenergy.com.

Sincerely,



Michael L. Mercer
Operations Engineering



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 8, 2005

Merit Energy Company
Attn: Michael L. Mercer
13727 Noel Road, Suite 500
Dallas, Texas 75240

Re: Approval for Extension of Shut-in or Temporarily Abandoned Status for Wells on Fee or State Leases

Dear Mr. Mercer:

The Division of Oil, Gas and Mining (the "Division") is in receipt of your letters dated November 10, 2004 (received by the Division on November 12, 2004) and January 7, 2005 (received by the Division on January 10, 2005) in regards to the twenty-four (24) shut-in wells operated by Merit Energy Company ("Merit"). The Division understands that six of these wells were put back into production in 2004. Merit's original plan was to return all twenty-four wells to production in 2004. Because of power restrictions, etc., Merit was unable to achieve that target. It is now the Division's understanding that Merit plans to return seven more wells to production in 2005 by installing an ESP. The Division understands that Merit is also investigating other methods to assist in lifting the water (e.g. capillary strings). Depending on the success of the wells with ESP's installed, the wells currently on Gas Lift, and the success of the other methods, the remaining 11 wells will either be plugged or put into production.

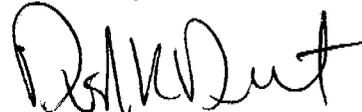
Based on the submitted information and plan of action, the Division approves your request for extended SI/TA for the eighteen (18) remaining SI/TA wells (see attachment A) until January 1, 2006. The operator should continue to monitor the wells by documenting pressures and fluid levels on a periodic basis. Any significant change in pressure or fluid level should be reported to the Division immediately. Remedial action may be necessary.

In addition to the twenty-four wells mentioned above, Merit also has one new well for 2005 that requires approval for extended SI/TA. The well is the ARE W30-14 (API # 43-043-30185). Our records indicate that this well has been SI/TA since February of 2003. Merit must submit their future plans for this well and information that demonstrates the well has integrity and is not a risk to public health and safety or the environment (R649-3-36-1.1 to 1.3).

Page 2
Merit Energy Company
April 8, 2005

The required information should be submitted to the Division within 30 days of the date of this letter or further actions may be initiated. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

A handwritten signature in black ink, appearing to read "Dustin Doucet", written in a cursive style.

Dustin Doucet
Petroleum Engineer

DKD:jc
Attachment
cc: Well File

ATTACHMENT A

4N8E16

	Well Name	API	Lease Type	Years Inactive
1	ARE W31-04E	43-043-30165	Fee	2 Year 3 Months
2	Champlin 372 Amoco C 1	43-043-30143	Fee	2 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	2 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	3 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	4 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	5 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	6 Years 4 Months
8	ARE W30-13	43-043-30279	Fee	6 Years 6 Months
9	ARE W19-16	43-043-30204	Fee	6 Years 8 Months
10	ARE W20-04	43-043-30238	Fee	7 Years 3 Months
11	ARE W31-12	43-043-30190	Fee	8 Years 3 Months
12	ARE W01-04	43-043-30270	Fee	8 Years 4 Months
13	ARE W11-01	43-043-30277	Fee	8 Years 4 Months
14	ARE W20-03	43-043-30291	Fee	9 Years 1 Month
15	ARE W16-14	43-043-30096	Fee	9 Years 1 Month
16	ARE W16-12	43-043-30231	Fee	9 Years 3 Months
17	Champlin 387 B1A	43-043-30168	Fee	9 Years 6 Months
18	ARE W17-16	43-043-30176	Fee	9 Years 7 Months



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

August 26, 2008

CERTIFIED MAIL NO. 7004 2510 0004 1824 6053

Mr. Michael Mercer
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

43 043 30231
ARE W16-12
4N 8E 16

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

Dear Mr. Mercer:

As of July 2008, Merit Energy Company has fifteen (15) Fee Lease Wells that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status (see attachment A). 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 January 22, 2004 the Division notified Merit by certified mail 24 wells were on the SI/TA list. Merit responded by letters of February 13, 2004, November 10, 2004, and January 5, 2005, with evaluation plans for each of the 24 wells. By the time an extension of SI/TA status was granted to Merit by the Division on April 8, 2005, six of the original 24 wells had been returned to production.

To date, 10 of the original 24 wells remain as SI/TA. Two wells were producing briefly in 2005 but have since returned to SI/TA status. These wells are listed as number 8 and number 10 on Attachment A. Two additional wells (ARE W36-08 API# 43-043-30167 & ARE 29-04 ST1 API# 43-043-30129) were producing briefly for 3 months in 2007, but are now showing as SI, and will soon be added to this list.

Five (5) new wells have been added to the current list. These are the wells numbered 11 through 15 on Attachment A



Page 2
August 26, 2008
Mr. Mercer

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.

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

JP/js
Attachment
cc: Well File
Operator Compliance File

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	CHAMPLIN 387 B1A	43-043-30168	Fee	14 Years 3 Months
2	ARE W16-12	43-043-30231	Fee	12 Years 11 Months
3	ARE W16-14	43-043-30096	Fee	12 Years 9 Months
4	ARE W31-12	43-043-30190	Fee	11 Years 11 Months
5	ARE W31-04E	43-043-30165	Fee	5 Years 10 Months
6	CHAMPLIN 372 AMOCO C 1	43-043-30143	Fee	6 Years 8 Months
7	ARE W16-06	43-043-30138	Fee	3 Years 1 Month
8	ARE W20-06	43-043-30159	Fee	2 Years 10 Months
9	ARE W17-16	43-043-30176	Fee	1 Year 9 Months
10	ARE W20-02	43-043-30228	Fee	2 Years 0 Months
Newly Added				
11	ARE W20-12	43-043-30220	Fee	2 Years 3 Months
12	ARE W31-06	43-043-30217	Fee	1 Year 5 Months
13	ARE W31-08	43-043-30164	Fee	1 Year 6 Months
14	ARE W36-16	43-043-30157	Fee	1 Year 3 Months
15	ARE E28-06	43-043-30226	Fee	1 Year 1 Month

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
ARE W16-12

2. NAME OF OPERATOR:
Merit Energy Company

9. API NUMBER:
4304330231

3. ADDRESS OF OPERATOR:
13727 Noel Road, Suite 500 CITY **Dallas** STATE **TX** ZIP **75240**

PHONE NUMBER:
(972) 628-1658

10. FIELD AND POOL, OR WILDCAT:
Anschutz Ranch East

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **2756' FSL 454' FWL** **6th P.M.**

COUNTY: **Summit**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNW 16 T4N R8E**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Continuation of SI status</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 Requests to keep the aforementioned well in SI status pending ability to perform a workover on the well. Please see attached documentation including planned workover for future utility and an explanation of work and casing integrity.

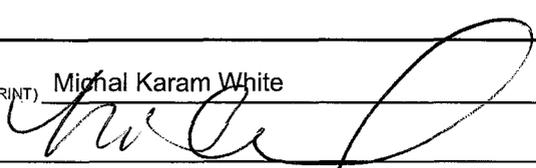
COPY SENT TO OPERATOR

Date: 4.4.2009

Initials: KS

NAME (PLEASE PRINT) Michal Karam White

TITLE Regulatory Anlayst

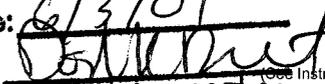
SIGNATURE 

DATE 4/13/2009

(This space for State use only)

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: 6/3/09

By: 

RECEIVED

APR 22 2009

(5/2000)

DIV. OF OIL, GAS & MINING

** Mkt must be performed to prove integrity forextended SI/TA
** Recomplete on Sundry for Twin Creek recomplete may be submitted separately for approval*

ARE W16-12
Sec. 16-T4N-R8E
Summit County, Utah
API #43-043-30231
4/9/2009

Twin Creek Recomplete

Well Data

Tubing: 3-1/2", 8RD & VAM
2-7/8", 8.6 & 8.7#, L-80 & PH-6
2-3/8", 4.7#, J-55 CS HYD @ 13,015'
Casing: 9-5/8 & 9-7/8", 53.5 – 62.8#, S-95 & 105 & P-110 @ 11,757'
Liner: 7-5/8", 43.5#, P-110 @ 10,852' – 12,102'
5", 18#, P-110 @ 10,473' – 15,105'
TD: 15,112'
PBTD: 13,420'
Elevation: 7,387' KB 7,360' GL

Baker FH Packer @ 10,304'

Open Perforations:

Nugget 13,130' – 13,156', 13,166' – 13,181', 13,194' – 13,224', 13,252' – 13,264',
13,275' – 13,313', 13,325' – 13,344', 13,352' – 13,376', 13,552' – 13,648'

CIBP @ 13,420'

Squeezed/Plugged Back Perforations:

Nugget 13,224' – 13,232', 13,240' – 13,244', 13,394' – 13,474', 13,480' – 13,520',
13,552' – 13,648', 13,684' – 13,728', 13,738' – 13,750'

Procedure

1. MIRU PU. ND WH. NU BOP. Release packer. TOH lying down.
2. PU 4.151" drift mill and 2-3/8" work string. TIH and clean well out to PBTD.
3. While on bottom RIH with sand line and swab test well for any Nugget potential. TOH.
4. RU WL. PU CIBP. RIH and set CIBP at 13,120'. Dump 2 sacks of cement on top of CIBP. POH.
5. PU casing guns. RIH and perforate well from 12,917' – 12,918', 12,925' – 12,927', 12,956' – 12,958' and from 13,011' – 13,012' with 6 spf, correlating to Dual Induction log dated 1/6/1983. POH. RD WL.
6. PU 5", 18# casing, retrievable packer. TIH and set packer at 12,900'.
7. RU Stimulation Company. Acidize well per recommendations. RD Stimulation Company.

8. Attempt to flow well back, swabbing if necessary to put well online.
9. RU WL. RIH with pressure and temperature gauges for pressure build up test per Altec's recommendations. POH. RD WL. Evaluate gas lift potential.
10. If unable to kick well off and/or if gas lift is determined feasible based off build up data, release packer and TOH lying down.
11. PU and TIH with parallel packer gas lift system set according to design (do not run until wellhead and surface work are done).
12. ND BOP. NU WH. Kick the well up with gas lift. RDMO PU.

Contacts

Foreman: Don Baucum (307) 380-8300
Operations Manager: Bruce Vargo (307) 320-5113
Operations Engineer: Nick Tunnell (972) 628-1084

Explanation of Work and Casing Integrity

Due to the current pricing environment, the proposed project is currently uneconomical. However, as prices come up at a future point and time and as Merit is able to lower operating costs, Merit is confident that the proposed project is still a viable project and there is future utility for the wellbore. Attached is a proposed procedure to recomplete the subject well to the Twin Creek formation. Merit has attempted workovers on two offset wells in which Merit was unable to lower fluid levels low enough to attain economical gas production. Merit suspects that similar results will be seen in the subject well when swab testing the Nugget as planned in the proposed procedure. This data will justify plugging back the Nugget formation and reCompleting the well to the Twin Creek formation. Merit currently has one well in the Anschutz field that is producing from the Twin Creek formation and is evaluating Twin Creek potential across the field as the Nugget formation depletes.

The subject well has 0 psi on the casing and 50# on the tubing. Due to the fact that the tubing and casing pressures do not track while both are shut in, it can be concluded that the tubing is not in communication with the casing. The casing pressure has remained constant over time at 0 psi. Due to the fact that the casing has no pressure on it and not changed since 2005, it can be concluded that the casing has good integrity.



State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 21, 2009

43 043 30231
ARE W16-12
4N 8E 16

Mr. Nicholas Tunnell
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated August 26, 2008.

Dear Mr. Tunnell:

The Division of Oil, Gas and Mining (the Division) is in receipt of your letter dated October 17, 2008 in regards to the fifteen (15) shut-in or temporarily abandoned (SI/TA) Fee Lease Wells (Attachment A) operated by Merit Energy Company (Merit).

The Division does not object to the proposed work on the said wells. Several of the wells listed look as though they may have integrity. However, due to insufficient evidence the Division is unable to grant extended SI/TA status for these wells. Not enough data was received per R649-3-36 providing proof of integrity or lengths of time wells are expected to be shut-in. The Divisions preferred method of demonstrating well integrity is to perform an MIT. Please submit the necessary information to bring these wells back into compliance. Please note, approval will be necessary prior to continuing with the planned work for these wells.

Please submit an individual sundry for each well along with required information to help expedite approval and documentation processes. 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

DKD/JP/js
Enclosure
cc: Well Files
Compliance File
N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA



ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	CHAMPLIN 387 B1A	43-043-30168	Fee	14 Years 3 Months
2	ARE W16-12	43-043-30231	Fee	12 Years 11 Months
3	ARE W16-14	43-043-30096	Fee	12 Years 9 Months
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5	ARE W31-04E	43-043-30165	Fee	5 Years 10 Months
6	CHAMPLIN 372 AMOCO C 1	43-043-30143	Fee	6 Years 8 Months
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13	ARE W31-08	43-043-30164	Fee	1 Year 6 Months
14	ARE W36-16	43-043-30157	Fee	1 Year 3 Months
15	ARE E28-06	43-043-30226	Fee	1 Year 1 Month



MERIT ENERGY COMPANY

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

October 17, 2008

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

In response to your letter dated August 26, 2008, I would like to submit the attached supporting documentation regarding our extended shut-in wells.

Enclosed, please find a summary sheet with Merit Energy Company's future plans for each of the wells listed in your letter, a sheet with explanations and supporting data showing each well's integrity, as well as wellbore diagrams for the subject wells.

If you have any questions or wish to discuss this further, please contact me at (972) 628-1084 or electronically at nick.tunnell@meritenergy.com.

Sincerely,

Nicholas R. Tunnell
Operations Engineer
Merit Energy Company

UTAH DOGM – SI WELL LIST

Last work	Integrity	Check 2004	
	NP	✓	CHAMPLIN 387 B1A – Plan to P&A well in March 2009 due to availability of rig. <i>Bridge broken, missing valves</i>
5/95	OK	✓	ARE W16-12 – Plan to run slickline to verify PBSD, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion.
	?	✓	ARE W16-14 – Plan to run slickline to verify PBSD, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion.
1/04		✓	ARE W31-12 – Plan to swab test the Nugget, if unsuccessful, will attempt a Twin Creek completion.
1/99	✓	✓	ARE W31-04 – Plan to swab test Nugget, if unsuccessful, will attempt a Twin Creek completion.
2001	OK	✓	CHAMPLIN 372 C1 – Swabbed in October 2004. Swab results were encouraging. There are no production facilities or flowlines in place. Merit is in the process of trying to buy a flowline in the area to tie into, at which point Merit will attempt to reactivate the well in the Nugget or attempt a Twin Creek completion. <i>4 1/2" liner run after patch?</i>
2001		✓	ARE W16-06 – Ran ESP in the well, unsuccessful due to water volumes, will attempt a Twin Creek completion. <i>1 string</i>
2004	OK	✓	ARE W20-06 – Tested upper zone of Nugget in 2004, unsuccessful, plan to drill out cement & CIBP and produce lower zone.
		✓	ARE W17-16 – SI due to availability of gas lift gas, gas is available, plan to kick well off with gas lift, if unsuccessful, will attempt a Twin Creek completion.
2001		✓	ARE W20-02 – Installed conventional gas lift, unsuccessful, plan to run survey to evaluate reverse gas lift potential, if unsuccessful, will attempt Twin Creek completion.
2003			ARE W20-12 – Installed conventional gas lift, cycling gas, plan to run survey to evaluate reverse gas lift potential, if unsuccessful, will attempt Twin Creek completion.
2004	OK		ARE W31-06 – Plan to install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion. <i>2 strings</i>
	NP		ARE W31-08 – Rig on location, squeezed off casing leak, drilling out cement, plan to install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion.
	✓		ARE W36-16 – Coil tubing gas lift design in the well, plan to pull the coil tubing and install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion.
2005	OK		ARE W28-06 – Collapsed casing at 12,678', will attempt a Twin Creek completion.

Hole in CSG @ 3612 CSG miles

ties out @ 8000' to 8200'

ties out @ 10416 (2001)

ties out @ 11095' to 11099'

2 strings

collapse @ 12678' 2 strings

UTAH DOGM – SI WELL LIST

Wells to be Reactivated in 2009

- | | | | Thy | Dy |
|--|-----------------------------|------|------|----------|
| • ARE W16-12 | | | | |
| ○ Packer at | 10,304 | | 2007 | 0 0 |
| ○ Top of cement (TOC) at | 10,100 (9-5/8" casing) | INSP | 2006 | 0 0 |
| ○ Tubing Pressure | 50# | | 2005 | 0 130 |
| ○ Casing Pressure | 0# | | 2004 | 100 0 |
| ○ The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected. | | | 2003 | 0 0 |
| • ARE W16-14 | | | 2007 | 0 NA |
| ○ Packer (PBR) at | 10,500 | | 2006 | 0 NA |
| ○ Top of cement (TOC) at | 9,650 (9-5/8" casing) | | 2005 | 0 NA |
| ○ Tubing Pressure | 1650# | | 2004 | 1500 250 |
| ○ Casing Pressure | 850# | | 2003 | 100 0 |
| ○ The tubing is tied into the 4-1/2" liner with a PBR at 10,500. This is below the TOC for the 9-5/8" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected. | | | 1990 | 400 1575 |
| • ARE W31-12 | | | 2007 | NA NA |
| ○ Packer at | none | | 2006 | NA NA |
| ○ Top of cement (TOC) at | 10,700 | | 2005 | NA NA |
| ○ Casing Pressure | 100# | | 2004 | NA NA |
| ○ Fluid Level | 1000' from Surface | | 2003 | 480 0 |
| ○ There is not a packer or tubing in this well. The static fluid level is 1000' from surface. There is a 13-3/8" casing string set at 2846', a 9-5/8" casing string set at 10272', and a 7" tie-back casing string set at 9919'. These three casing strings are protecting the ground waters. | | | | |
| • ARE W31-04 | | | 2007 | 30 20 |
| ○ Packer at | 14,000 | | 2006 | 150 0 |
| ○ Top of cement (TOC) at | 11,900 | | 2005 | 150 30 |
| ○ Tubing Pressure | 1000# | | 2004 | 1200 25 |
| ○ Casing Pressure | 0# | | 2003 | 0 0 |
| ○ This well is a horizontal sidetrack. The primary cement job on the original production casing had a TOC at 11,900. The kick-off point for the horizontal leg is below this depth. Additionally, the drill string was cemented in the horizontal section with the TOC estimated to be between 13126 and 13310. Based on the fact that the tubing and casing pressures are different, the two are not in communication and therefore, the ground waters are protected. | | | | |
| • CHAMPLIN 372 C1 | | | 2007 | 0 0 |
| ○ Packer at | 8,320 (MD) 6,648 (TVD) | | 2006 | 600 0 |
| ○ Top of cement (TOC) at | 4,906 | | 2005 | 0 0 |
| ○ Tubing Pressure | 0# | | 2004 | 0 0 |
| ○ Casing Pressure | 0# | | 2003 | 0 0 |
| ○ The 4-1/2" liner is cemented in place at 5090 (below the TOC). | | | | |
| • ARE W16-06 | | | 2007 | NA NA |
| ○ Packer at | none | | 2006 | NA NA |
| ○ Top of cement (TOC) at | 12,640 | | 2004 | NA NA |
| ○ Casing Pressure | 0# | | 2003 | 0 0 |
| ○ When Merit set a packer in October 2004, we pressure tested the annulus to 500 psi and it held. Therefore, the casing has integrity and the ground waters are protected. | | | | |
| • ARE W20-06 | | | 2007 | 120 100 |
| ○ Packer at | 12,858' | | 2006 | 220 250 |
| ○ Top of cement (TOC) at | 9,650' (9-5/8" casing) | | 2005 | 350 350 |
| ○ Tubing Pressure | 0# | | 2004 | NA 0 |
| ○ Casing Pressure | 0# | | 2003 | 0 0 |
| ○ When Merit set the packer in June 2004, we pressure tested the annulus to 500 psi and it held. There is a 13-3/8" casing string set at 5411', a 9-5/8" casing string set at 11330', | | | | |

UTAH DOGM – SI WELL LIST

and a 7" tie-back casing string set at 10079'. These three casing strings are protecting the ground waters.

- ARE W17-16

○ Packer	13,747'	2007	1180	1300
○ Top of cement (TOC) at	10,371' (7-5/8" casing)	2006	0	1100
○ Tubing Pressure	78#	2005	0	80
○ Casing Pressure	53#	2004	0	0
		2003	0	0

There is a 13-3/8" casing string set at 2526', a 9-5/8" casing string set at 10701', and a 7" tie-back casing string set at 10237'. These three casing strings are protecting the ground waters.
- ARE W20-02

○ Packer at	12,646'	2007	464	500
○ Top of cement (TOC) at	8,910' (7" casing)	2006	150	1200
○ Tubing Pressure	384#	2005	100	1150
○ Casing Pressure	310#	2004	0	1000
		2003	0	0
		1990	5500	0

There is a 13-3/8" casing string set at 5140', a 9-5/8" casing string set at 10934', and a 7" casing string set at 13928'. These three casing strings are protecting the ground waters.
- ARE W20-12

○ Packer at	12,863'	2007	435	1050
○ Top of cement (TOC) at	10,372' (9-5/8" casing)	2005	NA	680
○ Tubing Pressure	912#	2004	180	800
○ Casing Pressure	930#	2003	0	0

There is a 13-3/8" casing string set at 5362', a 9-5/8" casing string set at 11245', and a 7" tie-back casing string set at 10109'. These three casing strings are protecting the ground waters.
- ARE W31-06

○ Packer at	10284'	2007	0	NA
○ Top of cement (TOC) at	9996' (7" casing)	2006	250	NA
○ Tubing Pressure	0#	2005	0	425
○ Casing Pressure	0#	2004	110	940
		2003	200	920

There is a 13-3/8" casing string set at 2301', a 9-5/8" casing string set at 10689', and a 7" casing string set at 14033'. These three casing strings are protecting the ground waters.
- ARE W36-16

○ Packer (PBR) at	10,680	2007	1200	0
○ Top of cement (TOC) at	10,172 (7" casing)	2006	250	0
○ Tubing Pressure	1357#	2005	500	100
○ Casing Pressure	0#	2004	250	0
		2003	180	0

The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE E28-06

○ Packer at	none	2007	NA	0
○ Top of cement (TOC) at	11,900' (7" casing)	2005	0	0
○ Tubing Pressure	0#	2004	180	0
○ Casing Pressure	0#	2003	200	1350

There is a 13-3/8" casing string set at 3988', a 9-5/8" casing string set at 12990', and a 7" tie-back casing string set at 12313'. These three casing strings are protecting the ground waters.

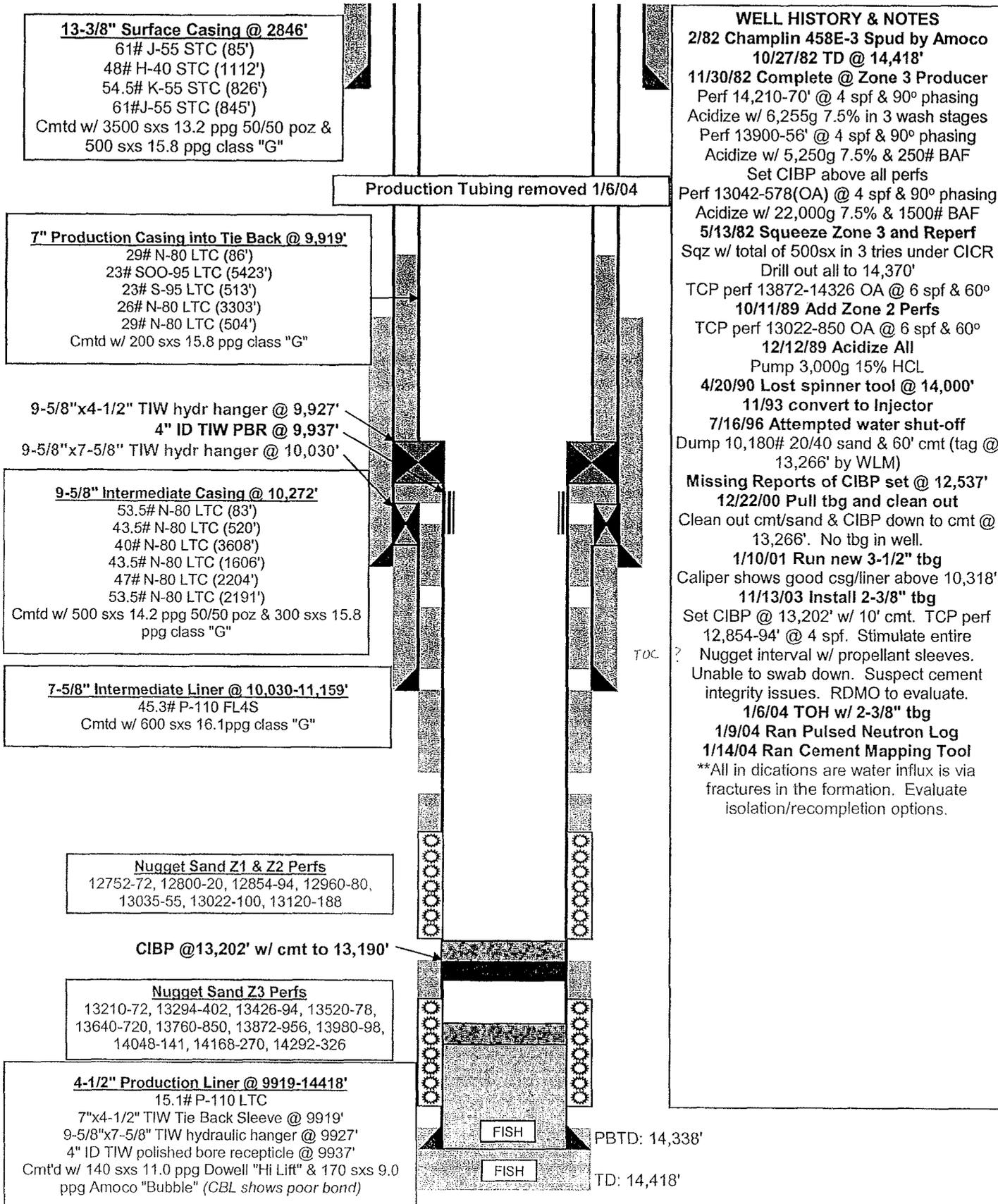
ARE W31-08

2007	1220	NA
2005	0	0
2004	NA	0
2003	180	0

ANSCHUTZ RANCH EAST UNIT W31-12



Summit County, Utah
 Location: 640' FWL & 1778' FNL Sec 31-T4N-R8E
 Elevation: 7870' GL/ 7890' KB
 Last Updated by LLT 2/12/2004



Ingram Cactus 11" 3M by 7" 5M w/R2 bottom & 6" bowl
 tbg spool (7" 26# csg stub landed in slips)

9 5/8" 32.3# H-40 ST & C csg set at 1518'

NOTE: HOLE IN CSG AT 3612'
 (Casing patch set from 3582' to 3635')

Note: Casing pressure tested from 0-3600'
 to 1000 psig 2/16/01 - passed

2-3/8" 4.7# EUE 8rd Tubing

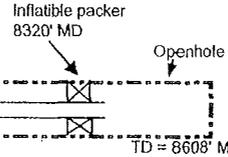
Annulus pressure tested to 1000 psig (2/27/2001)

4-1/2" 12.60# Tubing run to surface
 New Vam Beveled Couplings

4-1/2" Liner Top with BPR
 Cemented in place at 5090'

Cement top 7" per CBL on 2/15/98
 logged by Schlumberger at 4906' + -

Whipstock at 5600' MD (5513' TVD)



NOTE:

Twin Creek & Nugget squeezed off as follows,
 2/12/98 pumped 410 sx "G" + additives no pressure
 2/19/98 pumped 100 sx "G" neat & 200 sx "G" + additives
 no pressure
 2/14/98 pumped 50 sx 10-0 RFC and obtain 1150 psi squeeze
 2/14/98 pump 20 sx "G" for topout cmt cap on top of retainer

7" 26# S-95 & K-55 casing - 2296.62'

	MIN ID	MAX OD	
Cement cap at 6016.22' - tagged via tbg			
Halliburton Model "HCS" cement retainer (set via tbg - Bottom at 6054.11')		5.5"	6051.98'
Cut off 2 3/8" 4.7# N-80 CS hydril tbg	1.901"	2.375"	6071'
X-Over: 2 3/8" CS to 2 3/8" 8rd	1.901"	3.062"	6089.49'
Spacer tube	1.901"	2.375"	6090.29
Baker model A-5 dual packer	1.901"	6.093"	<u>6092.81'</u>
Spacer tube	1.901"	2.375"	6098.13'
X-Over: 2 3/8" 10rd to 2 3/8" 10rd to 8rd	1.901"	2.875"	6099.43'
X-Over: 2 3/8" to 2 7/8" 8rd	1.901"	3.00"	6099.75'
Perf'd tubing: 4 shots (4 spf)			6103.57'
29 jts of 2 7/8" 6.5# 8rd tbg	2.441"	3.668"	6100.07'
	Tbg collars: 3.668" - Tube: 2.875"		
Baker Model "F" nipple	1.87"	3.6875"	6994.86'
1 jt of 2 7/8" 6.5# 8rd tbg	2.441"	3.668"	6995.87'
Baker model G-22 locator assembly	2.406"	3.46875"	7023.95'
Baker model "retrieva D" packer	3.25"	6.093"	<u>7025'</u>
Baker model 80-32 seal assembly	2.406"	2.688"	7036.66'
X-Over: 2 3/8" 10rd BX by BX	1.906"	3.062"	7037.09'
X-Over: 2 3/8" NU to EU	1.906"	3.062"	7037.46'
1 jt of 2 3/8" EU 8rd	1.901"	3.062"	7069.12'
Baker model "R" nipple	1.760"	2.92"	7069.89'
Mule shoe collar	1.901"	2.92"	7071.21'

Spacer tube, short string:

Spacer tube, X-over, 2 3/8" pup, Model "E" hyd trip sub, 2 3/8" pup, Model "F" nipple, Perf'd pup, 1 jt 2 3/8" tbg, Baker model "R" nipple, Mule shoe
 Avg OD's & ID's: ID 1.901" & OD 2.92"
 Overall length: 48.73'
 EOT at 6141.54'

Twin Creek Perfs:
 6155' thru 6980'

Nugget Perfs:
 7056' thru 7098'

FISH: 2 3/8" tbg (25')

Prod Casing:
 7" 23# & 26# at 7300.25'

PBTD:

TD: 7300.25'



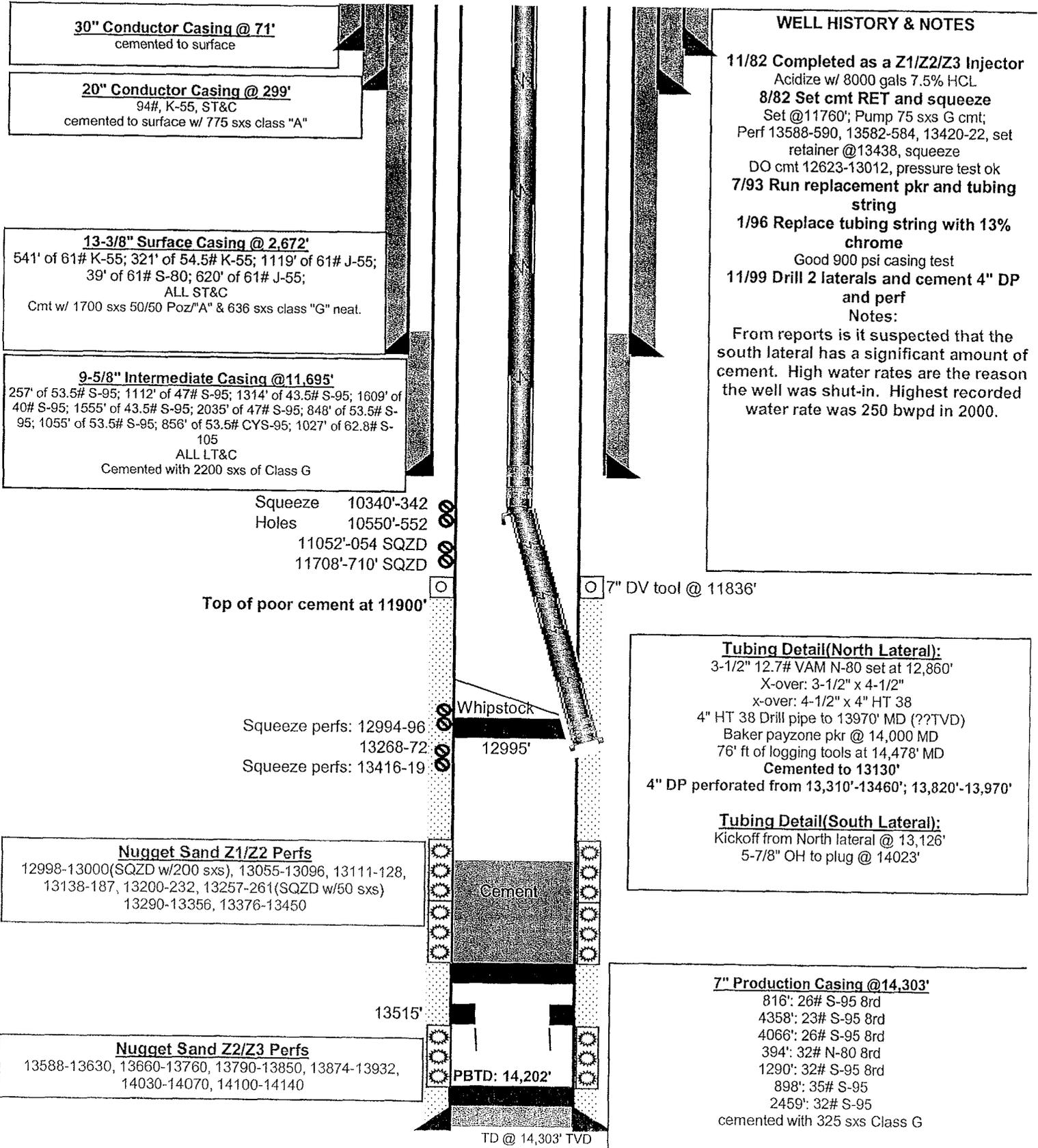
ANSCHUTZ RANCH EAST UNIT W31-04

Summit County, Utah

Location: 731' FWL & 87' FNL Sec 31-T4N-R7E

Elevation: 7894' GL/ 7926' KB

Last Updated by CAM 12/17/2007



30" Conductor Casing @ 71'
cemented to surface

20" Conductor Casing @ 299'
94#, K-55, ST&C
cemented to surface w/ 775 sxs class "A"

13-3/8" Surface Casing @ 2,672'
541' of 61# K-55; 321' of 54.5# K-55; 1119' of 61# J-55;
39' of 61# S-80; 620' of 61# J-55;
ALL ST&C
Cmt w/ 1700 sxs 50/50 Poz/A" & 636 sxs class "G" neat.

9-5/8" Intermediate Casing @ 11,695'
257' of 53.5# S-95; 1112' of 47# S-95; 1314' of 43.5# S-95; 1609' of
40# S-95; 1555' of 43.5# S-95; 2035' of 47# S-95; 848' of 53.5# S-
95; 1055' of 53.5# S-95; 856' of 53.5# CYS-95; 1027' of 62.8# S-
105
ALL LT&C
Cemented with 2200 sxs of Class G

Squeeze 10340'-342
Holes 10550'-552
11052'-054 SQZD
11708'-710' SQZD

Top of poor cement at 11900'

7" DV tool @ 11836'

Squeeze perms: 12994-96
13268-72
Squeeze perms: 13416-19

Whipstock

12995'

Cement

13515'

PBD: 14,202'

TD @ 14,303' TVD

South Lateral TD: 14,023' MD
North Lateral TD: 14,478' MD

WELL HISTORY & NOTES

11/82 Completed as a Z1/Z2/Z3 Injector
Acidize w/ 8000 gals 7.5% HCL
8/82 Set cmt RET and squeeze
Set @11760'; Pump 75 sxs G cmt;
Perf 13588-590, 13582-584, 13420-22, set
retainer @13438, squeeze
DO cmt 12623-13012, pressure test ok
7/93 Run replacement pkr and tubing
string
1/96 Replace tubing string with 13%
chrome
Good 900 psi casing test
11/99 Drill 2 laterals and cement 4" DP
and perf
Notes:
From reports is it suspected that the
south lateral has a significant amount of
cement. High water rates are the reason
the well was shut-in. Highest recorded
water rate was 250 bwpd in 2000.

Tubing Detail(North Lateral):

3-1/2" 12.7# VAM N-80 set at 12,860'
X-over: 3-1/2" x 4-1/2"
x-over: 4-1/2" x 4" HT 38
4" HT 38 Drill pipe to 13970' MD (??TVD)
Baker payzone pkr @ 14,000 MD
76' ft of logging tools at 14,478' MD
Cemented to 13130'
4" DP perforated from 13,310'-13460'; 13,820'-13,970'

Tubing Detail(South Lateral):

Kickoff from North lateral @ 13,126'
5-7/8" OH to plug @ 14023'

7" Production Casing @14,303'

816': 26# S-95 8rd
4358': 23# S-95 8rd
4066': 26# S-95 8rd
394': 32# N-80 8rd
1290': 32# S-95 8rd
898': 35# S-95
2459': 32# S-95
cemented with 325 sxs Class G

WELL NAME:	ARE W20-02	FIELD:	ANSCHUTZ RANCH EAST
QTR QTR:	SEC: 20	TWN:	4N
COUNTY:	SUMMIT	ST:	UT
KB:	7331	GL:	7310
	TD:	13928	PBTD:
		12950	
LAST UPDATED:	11/09/07	BY:	CASEY MORTON

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8", 13-5/8"	54.5-88.2#	K-55, HC-95	5140'
INTERMEDIATE	9-5/8", 9-7/8"	47-62.8#	MC-95, S-105	10934'
PRODUCTION	7"	32-35#	N-80, S-95	13928'

Has an additional 20" surface casing string set @ 60', not shown on WBS

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				21.00
82 JTS	2-7/8"	6.5#	N-80	2,650.53
GLV #7	2-7/8"			2,657.57
78 JTS	2-7/8"	6.5#	N-80	5,139.88
GLV #6	2-7/8"			5,146.91
68 JTS	2-7/8"	6.5#	N-80	7,311.03
GLV #5	2-7/8"			7,318.05
58 JTS	2-7/8"	6.5#	N-80	9,167.66
GLV #4	2-7/8"			9,174.68
48 JTS	2-7/8"	6.5#	N-80	10,692.10
GLV #3	2-7/8"			10,699.12
34 JTS	2-7/8"	6.5#	N-80	11,784.19
GLV #2	2-7/8"			11,791.22
24 JTS	2-7/8"	6.5#	N-80	12,558.46
GLV #1	2-7/8"			12,565.48
1 JT	2-7/8"	6.5#	N-80	12,597.76
X NIPPLE	2.313"			12,598.80
1 JT	2-7/8"	6.5#	N-80	12,631.08
ON/OFF TOOL	2-7/8" X 5-1/2"			12,632.90
PUP JT	2-7/8"	6.5#	N-80	12,638.98
ASI-X PKR	2-7/8" X 7"			12,646.52
PUP JT	2-7/8"	6.5#	N-80	12,652.60
XN NIPPLE	2.313" W/ NO G			12,653.73
PUP JT	2-7/8"	6.5#	N-80	12,659.78
WL REENTY	2-7/8"			12,660.46

Based on 03/18/04 Pulling Report

WELL HISTORY:

08/18/83	Perf Z3 f/ 13476-560, acidize w/ 6300g 10% HCL
	Perf Z2 f/ 13004-430 (OA) w/ TCP.
	Acidize all w/ 600 bbls acid
10/17/84	Left 7' of PLT tool in hole
01/08/86	Sqz 13004-108 w/ 150 sxs
	Perf Z1 f/ 12739-924 (OA) w/ TCP (no stimulation)
02/15/86	PLT indicates flow f/ 5 of 11 zones
07/29/86	Test lower Z2 & Z3
09/09/86	Convert to injection, perf Z2 f/ 13005-065, 13080-110
03/01/95	Convert to production
05/18/98	Attempt WSO, spot 27 bbl cmt f/ 12950-13628 (tagged @ 12951)
02/01/04	Set CIBP at 12990? RIH with gas lift

NUGGET Z1 PERFS

12739-768, 12778-784
12792-811, 12831-864
12890-899, 12912-924

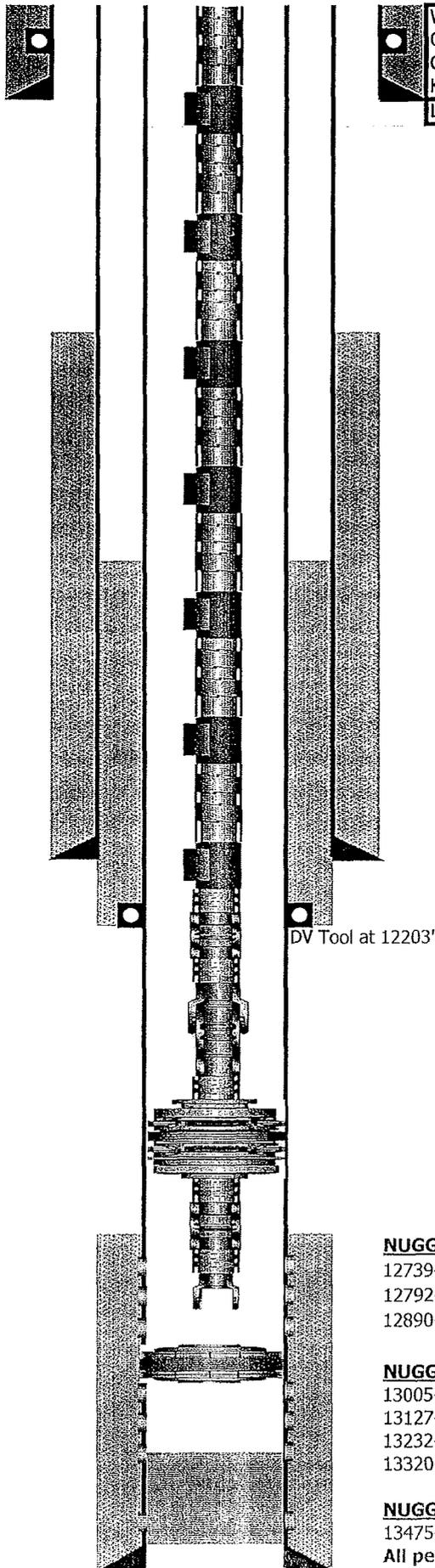
NUGGET Z2 PERFS

13005-065, 13080-110 (w/ 1/4 spf, 0 phasing)
13127-152, 13164-220
13232-256, 13280-308
13320-360, 13372-430

NUGGET Z3 PERFS

13475-560

All perfs shot w/ 4 spf 90 phasing unless noted otherwise



WELL NAME:	ARE W31-06	FIELD:	ANSCHUTZ RANCH EAST
QTR QTR:	SEC: 31	TWN:	4N RNG: 8E
COUNTY:	SUMMIT	ST:	UT
KB:	7770	GL:	7743
TD:	14330	PBDT:	13367
SPUD DATE:			
LAST UPDATED:	08/14/08	BY:	CASEY MORTON

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	54.5-61#	K-55	2301'
INTERMEDIATE	9-5/8", 9-7/8"	47-62.8#	N-80, S-105	10689'
PRODUCTION	7"	32-38#	N-80, P-110	14033'

Has an additional 20" surface casing string set @ 107', not shown on WBS

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				27.00
326 JTS	2-7/8"	6.5#	N-80	10,269.42
PUP	2-7/8"	6.5#	N-80	10,275.50
ON/OFF				10,277.02
ARROWSET PKR				10,284.73
56 JTS	2-7/8"	6.5#	N-80	12,048.52
X NIPPLE				12,049.72
1 JT	2-7/8"	6.5#	N-80	12,081.06
XN NIPPLE				12,082.34
1 JT	2-7/8"	6.5#	N-80	12,114.74
WL REENTRY				12,115.16

Based on tubing details 12/10/04

COILED TUBING DETAILS

	LENGTH	SET DEPTH
1-1/4" CT	8992.0	8,992.00
GLV #8	SJ 40 1" GLV w/ 3/16" PORT	8.0
		9,000.00
1-1/4" CT	942.0	9,942.00
GLV #7	SJ 40 1" GLV w/ 3/16" PORT	8.0
		9,950.00
1-1/4" CT	792.0	10,742.00
GLV #6	SJ 40 1" GLV w/ 3/16" PORT	8.0
		10,750.00
1-1/4" CT	592.0	11,342.00
GLV #5	SJ 40 1" GLV w/ 3/16" PORT	8.0
		11,350.00
1-1/4" CT	542.0	11,892.00
GLV #4	SJ 40 1" GLV w/ 3/16" PORT	8.0
		11,900.00
1-1/4" CT	392.0	12,292.00
GLV #3	SJ 40 1" GLV w/ 3/16" PORT	8.0
		12,300.00
1-1/4" CT	392.0	12,692.00
GLV #2	SJ 40 1" GLV w/ 3/16" PORT	8.0
		12,700.00
1-1/4" CT	392.0	13,092.00
GLV #1	1" GLV w/ 3/16" S/O	8.0
		13,100.00

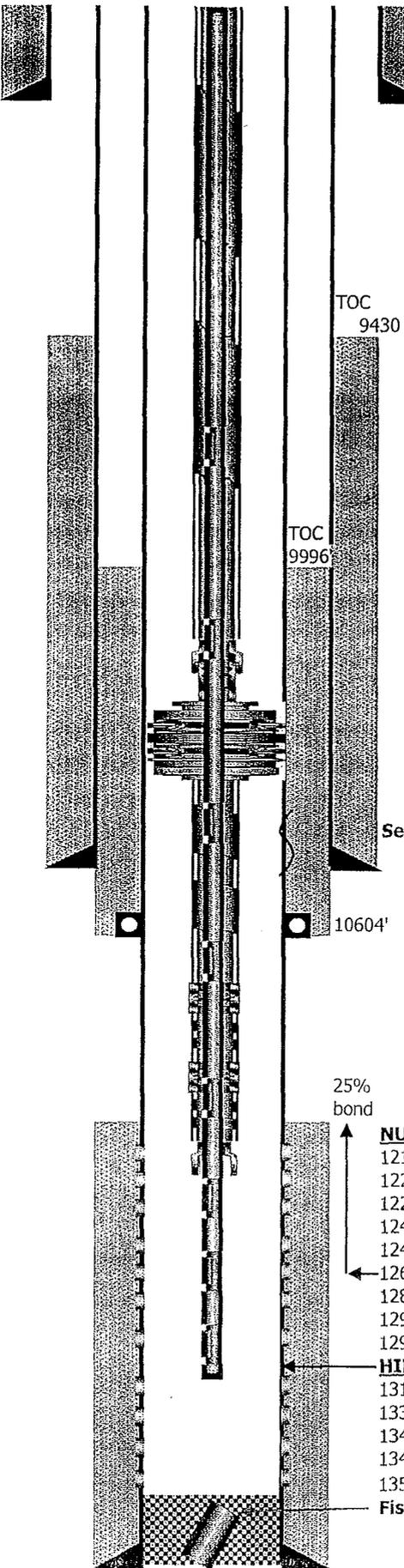
Based on coiled tubing details 04/14/05

WELL HISTORY:

09/01/83	Complete Z2 & Z3
06/01/85	Perf & Acidize Z1
03/01/86	Add Z1, Z2 & OT pay
02/01/89	Add Z3 & OT pay
04/01/89	Close SS - OT only
04/01/90	Open SS - NS/OT
04/01/92	Replace corroded tubing
04/01/95	Replace corroded tubing w/ Chrome
10/01/96	Frac Z1 & Z2
03/28/01	Pulled pkr, ran 2-7/8" tubing (no packer)
07/01/01	Gas lifted ("Poor Boy")
05/01/03	Chemical hot oil for paraffin, net increase 1 mmcf
08/01/04	Shut off lift gas (circulating)
09/11/04	WL TD - tagged fill @ 13367' (sand in bailer)
12/01/04	CO Fill to new PBDT 14060'

- NUGGET PERFS**
- 12171-188, 12194-228
 - 12238-254, 12256-262
 - 12270-308, 12310-364
 - 12410-454, 12462-470
 - 12472-548, 12551-618
 - 12638-745, 12746-776
 - 12820-850, 12860-892
 - 12902-940, 12952-974
 - 12992-13058
- HINGELINE**
- 13130-212, 13230-282
 - 13330-450
 - 13460-462 (sqzd)
 - 13471-490, 13508-574
 - 13596-668, 13704-816, 13834-974

Fish @ 14165': Open Hole logging tool (39.1' long, 3-3/8" OD)



NOTE: TITE SPOT NOTED IN 7" CASING @ 10416' (CALIPER MAR-01)

Lease & Well No. ARE W36-16 (FKA: Island Ranch E-1)
 Field Name Anschutz Ranch East
 Location Sec. 36, 4N 7E

CFE Name Gas Gathering
 County & State Summit County, UT
 API No. _____

Well Information

Ground Elevation: 8,070' Spud Date: 2/01/82
 KB Elevation: 8,108' Completion Date: 11/01/83

Plugback Depth: ?? Current Prod: Oil - 0 bopd
 Total Depth: 14,475' Gas - 185 mcfpd
 Water - 175 bwpd

Comments: Schlumberger coiled tubing gas lift setup
 No Merit Reports in PA
 FTP - ?
 FCP - ?
 SITP - ?
 SICP - ?
 SIBHP - ?

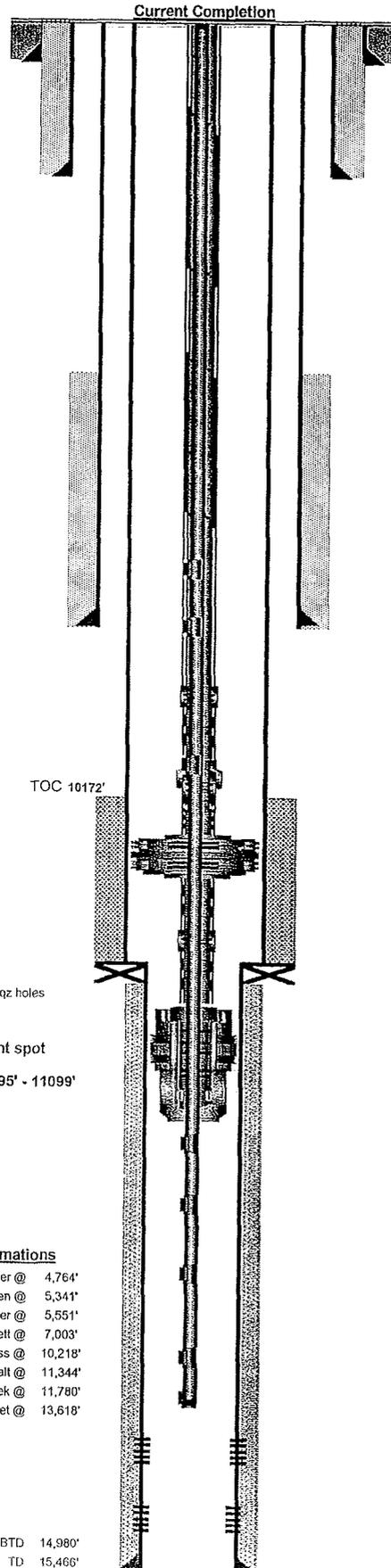
Pipe Data

Conductor						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	0'	0	Unk	Unk	Unk	
Surface						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	2,888'	13-3/8"	54.5&61#	K-55		
Intermediate 1						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	6,833'	9-5/8"	47.0#	HC-95	Unk	DV@ 5662
Intermediate 2 and Production Line						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	11,817'	7"	32-35#	S-95	Unk	32#-6230', 29#-10489'
10,476'	14,775'	4-1/2"	15.1#	P-110	Unk	4" ID PBR @ 10748'

Tubing Details						
Description	Length	Bottom	Size	Min. ID	Weight	Grade
KB	38.00'	38.00'				
318 jts	9,854.00'	9,892.00'	3-1/2"		10.3#	VAM; N-80
24 jts	743.72'	10,635.72'	3-1/2"		9.2#	Chrome
R-Nipple	1.00'	10,636.72'	3-1/2"	2.562		
1 jt	31.00'	10,667.72'	3-1/2"		9.2#	Chrome
On/Off tool	1.00'	10,668.72'	5-1/2 x 3-1/2"			
Pup joint	6.00'	10,674.72'	3-1/2"			VAM
Baker FHL packer	6.00'	10,680.72'				
1 jt	31.00'	10,711.72'	3-1/2"			VAM
R Nipple	1.00'	10,712.72'	3-1/2"	2.562		
1 jt	31.00'	10,743.72'	3-1/2"			VAM
PBR	4.00'	10,747.72'		4"		
Seal Assmby		10,747.72'				
COILED TUBING (COT) DATA						
1-1/4" Coiled tubing	6,766.00'	6,766.00'				
Valve 8		6,767.00'				
Valve 7		8,766.00'				
Valve 6		10,166.00'				
Valve 5		11,016.00'				
Valve 4		11,616.00'				
Valve 3		12,216.00'				
Valve 2		12,716.00'				
Valve 1		13,117.00'				

Perforations

Date	Pay Gross		PHIA	PHIT	Notes
	Top	Bottom			
9/11/1985	13,400'	13,410'	10'	40	Sand Frac(48K lbs.)
9/11/1985	13,420'	13,482'	62'	248	Sand Frac(48K lbs.)
9/11/1985	13,510'	13,516'	6"	24	Sand Frac(48K lbs.)
9/11/1985	13,542'	13,562'	20'	80	Sand Frac(48K lbs.)
9/11/1985	13,582'	13,613'	31'	124	Sand Frac(48K lbs.)
9/11/1985	13,676'	13,690'	14'	56	Sand Frac(48K lbs.)
9/11/1985	13,701'	13,710'	9'	36	Sand Frac(48K lbs.)
	13,750'	13,768'	18'	72	
1/8/1984	13,776'	13,832'	56'	224	All 4 SPF
1/8/1984	13,861'	13,894'	33'	132	All 4 SPF
1/8/1984	13,924'	13,950'	26'	104	All 4 SPF
1/8/1984	13,980'	14,015'	35'	140	All 4 SPF
1/8/1984	14,030'	14,054'	24'	96	All 4 SPF
1/8/1984	14,061'	14,072'	11'	44	All 4 SPF
	14,088'	14,158'	70'	280	All 4 SPF
9/28/1987	14,270'	14,340'	70'	280	All 4 SPF
9/28/1987	14,370'	14,520'	150'	600	All 4 SPF
9/28/1987	14,580'	14,600'	20'	80	All 4 SPF
TOTALS	14,520'	14,600'	310'	2,600	



MERIT ENERGY COMPANY

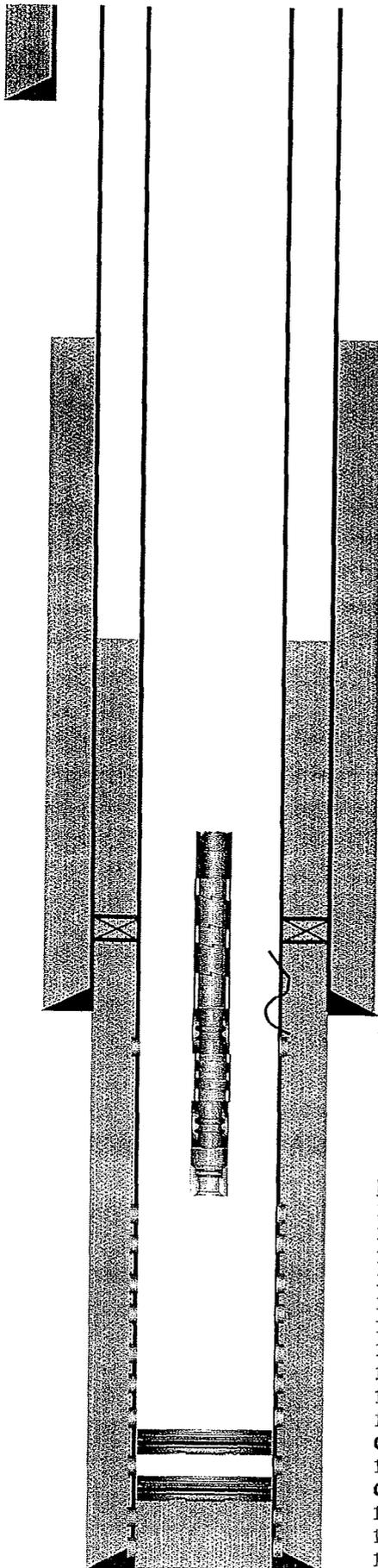
WELL NAME: ARE E28-06		FIELD: ANSCHUTZ RANCH EAST	
QTR QTR:	SEC: 28	TWN: 4N	RNG: 8E
COUNTY: SUMMIT	ST: UT	SPUD DATE:	
KB: 7513	GL: 7487	TD: 15170	PBTD:
LAST UPDATED: 09/13/05		BY:	MIKE MERCER

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	72#	S95	3988'
INTERMEDIATE	9-5/8", 9-7/8"	47#, 62.8#	S95	12990'
PRODUCTION	7"	32#	L80	F/12313-15160
TIEBACK	7"	32#	N80, S95	F/0-12313'

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				26.00
TUBING PULLED 07/13/05				



TOL @ 12313

COLLAPSED CASING @ +/-12678'

SQZ PERFS

12991-12993

NUGGET PERFS

14250-14265

14310-14316

14325-14332

14360-14372

14380-14396

14466-14482

14500-14506

14530-14566

14594-14630

14728-14755

CICR @ 14802'

14814-14866

CICR @ 14900'

14980-14988 (SQZD)

14992-15009 (SQZD)

15018-15024 (SQZD)

FISH: 2-7/8" 6.5# N80 stub, 43 jts 2-7/8" 6.5# N80, X Nipple, 1 jt 2-7/8" 6.5# N80, XN Nipple, WL Re-entry guide (1410.50')



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2011

43 043 30231
ARE W 16-12
4N 8E 16

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

Subject: **Notice of Violation: Abandoned Well Requirements for Fee or State Leases**

Dear Ms. White:

The Division of Oil, Gas and Mining (the Division) is reissuing this Notice of Violation (NOV) that originally went out via certified mail to Merit Energy Company (Merit) on July 1, 2010 (see Attachment of original Violation). Merit was given until September 30, 2010, to respond to this NOV. To date the Division has not received any information from Merit showing any attempt to move these wells out of violation status.

As of January 1, 2011, Merit had twenty five (25) wells that were in non-compliance with the requirements for shut-in or temporarily abandoned (SI/TA) status. The Division recognizes that two (2) wells have been plugged and abandoned (PA'd) in March of this year. However the two wells that were PA'd were not part of this NOV. Currently Merit has twenty three (23) wells that are still in non-compliance. Nine (9) of the 23 wells have previously been addressed in this NOV (see Attachment), originally dated June 30, 2010. Six (6) wells have recently been issued an NOV and the remaining eight (8) have also recently being issued a second notice of non-compliance.

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).

IMMEDIATE ACTION REQUIRED: Please submit information required by R649-3-36, plug and abandon or place wells on production.

Date of service mailing: June 7, 2011
CERTIFIED MAIL No.: 7005 1820 0001 5562 9832

If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Well Files
Compliance File

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



UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: MERIT ENERGY COMPANY

Well(s) or Site(s): 1.) <u>ARE W31-04E</u>	API #: <u>43-043-30165</u>
2.) <u>CHAMPLIN 372 AMOCO C1</u>	<u>43-043-30143</u>
3.) <u>ARE W31-12</u>	<u>43-043-30190</u>
4.) <u>ARE W16-14</u>	<u>43-043-30096</u>
→ 5.) <u>ARE 16-12</u>	<u>43-043-30231</u>
6.) <u>CHAMPLIN 387 B1A</u>	<u>43-043-30168</u>
7.) <u>ARE W17-16</u>	<u>43-043-30176</u>
8.) <u>ARE W16-06</u>	<u>43-043-30138</u>
9.) <u>ARE W20-06</u>	<u>43-043-30159</u>
10.) <u>ARE W20-02</u>	<u>43-043-30228</u>

Date and Time of Inspection/Violation: June 30, 2010

Mailing Address: Attn: Michal K. White

13727 Noel Road, Ste 500

Dallas, TX 75240

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

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – With the exception of wells 9 and 10 listed above, the above referenced wells have been Shut-in or Temporarily Abandoned (SI/TA) over 5 consecutive years. Wells 9 and 10 are approaching 5 years consecutive shut-in and only produced intermittently from 2004 to 2006 after previously being shut-in in 2000 and 1998 respectively. According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

The Division has initiated several contacts with Merit Energy Company (Merit) requesting required documents and action per R649-3-36. All wells listed above had a first notice sent out via certified mail on January 22, 2004 to Merit. Previously in 2003, BP America Production Company (Merits' predecessor) had SI/TA requests denied on all wells listed above except well 1 and well 9. The Division accepted a plan on April 8, 2005 for wells 1 through 8 to bring those wells back into production. After several correspondence and accepted plans to bring wells into production, the Division issued a Third Notice on August 26, 2008. The Division notified Merit on January 21, 2009 that the plan and submitted integrity information was insufficient. By letter dated August 26, 2009, Merit proposed to get proper MIT data and reactivate several of the wells. Our records show nothing has been done to date to move these wells out of violation status. The Division has had numerous other communications by phone and email with Merit and Merit has not provided adequate data to prove mechanical integrity and has not followed through with plans for removing wells from the SI/TA list. Merit has not complied with rule R649-3-36 despite the several years the Division has worked with Merit to bring these wells into compliance. In addition to the wells subject to this NOV, Merit has 15 additional wells SI/TA beyond 12 months without approval. Immediate action must be taken on those wells as well.

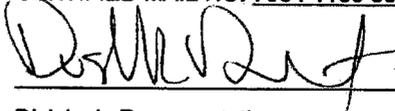
Action: For the well subject to this notice, Merit shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

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

Compliance Deadline: September 30, 2010

Date of Service Mailing: July 1, 2010

CERTIFIED MAIL NO: 7004 1160 0003 0190 4543



Division's Representative

Operator or Representative

(If presented in person)

6/2005

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5.LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	7.UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
PHONE NUMBER: 972 628-1540 Ext	8. WELL NAME and NUMBER: ARE W16-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2756 FSL 0454 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 04.0N Range: 08.0E Meridian: S	9. API NUMBER: 43043302310000
	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
	COUNTY: SUMMIT
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/15/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit Energy Company requests approval to permanently plug and abandon this well as detailed in the attached procedure.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: August 09, 2012

By: 

NAME (PLEASE PRINT) Arlene Valliquette	PHONE NUMBER 972 628-1558	TITLE Regulatory Manager
SIGNATURE N/A	DATE 8/2/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43043302310000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #6: 9 5/8" casing should be perf'd at 100' and cement circulated back to surface (± 67 sx required).**
 - 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
 - 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Wellbore Diagram

API Well No: 43-043-30231-00-00 Permit No:

Well Name/No: ARE W16-12

Company Name: MERIT ENERGY COMPANY

Location: Sec: 16 T: 4N R: 8E Spot: SWNW

Coordinates: X: 495479 Y: 4547873

Field Name: ANSCHUTZ RANCH EAST

County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	(L/CF)
HOL1	4862	17			
SURF	4862	13.375	72		
SURF	4862	13.375	61		
SURF	4862	13.375	68		
HOL2	11757	12.25			
PROD	11757	9.625	53.5		
L1	12102	7.625 (6.2258)	45.3	→ 4.428	
L2	15105	5	17.9	→ 10.028	
T1	10473	3.5			

* Amend Plug # 6
* Perf @ 100' Circ Cmt to 5fc 7 7/8" x 13 3/8"

INSIDE
5fc 100' / (1.15 x 0.2258) = 20 SX

OUTSIDE
100' / (1.15 x 0.5372) = 47 SX

67 SX Reg
prop. 25 SX

Plug # 5

(25 SX x 1.15 x 4.428) = 127'
TOC ± 1723' ✓ O.K.

Cement from 4862 ft. to surface

Surface: 13.375 in. @ 4862 ft.
CICR @ 4850'
Hole: 17 in. @ 4862 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks	(CF/L)
L1	12102	10852	UK	275	7.625 x 12.25 → 0.3132
L2	15105	12890	UK	95	7.625 x 13.5 → 0.4887
PROD	11757	8279'	H	1155	10 7/8
SURF	4862	0	A	5350	EST TOC @ 8279'

Plug # 4

Below 50' / (1.15 x 0.2258) = 10 SX
Above 50' / (1.15 x 0.2258) = 10 SX
Outside 100' / (1.15 x 0.5372) = 47 SX

67 SX Reg
Proposed 50 SX
TOC @ 4800'

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
13394	13750			
13130	13204			

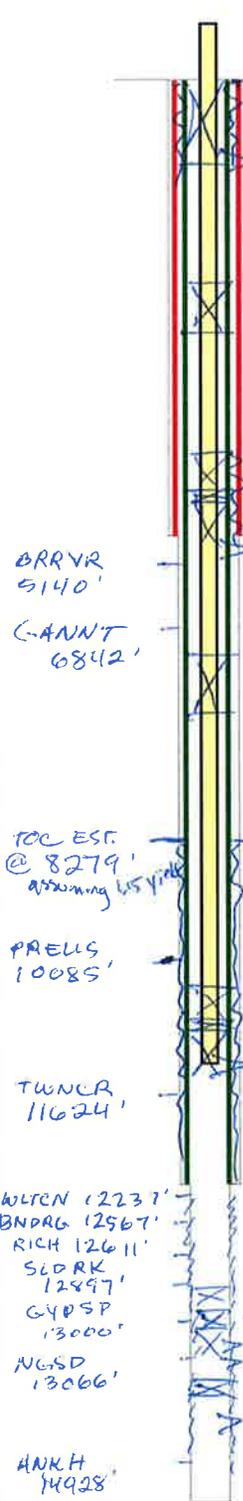
Plug # 3
(25 SX x 1.15 x 4.428) = 127'
TOC ± 7350' ✓ O.K.

Formation Information

Formation	Depth
BRRVR	5140
GANNNT	6482
PREUS	10085
TWNCR	11624
WLTCN	12237
BNDRG	12567
RICH	12611
SLDRK	12897
GYPSP	13000
NGSD	13066
ANKH	14928

Plug # 2
Below (25 SX x 1.15 x 4.428) = 127'
Above (25 SX x 1.15 x 4.428) = 127'
TOC @ 10323' ✓ O.K.

Plug # 1
Below (100 SX x 1.15 x 10.028) = 1153'
Above (10 SX x 1.15 x 10.028) = 115'
TOC @ 12985' ✓ O.K.



BRRVR 5140'
GANNNT 6482'
TOC EST @ 8279' assuming 6.5" hole
PREUS 10085'
TWNCR 11624'
WLTCN 12237'
BNDRG 12567'
RICH 12611'
SLDRK 12897'
GYPSP 13000'
NGSD 13066'
ANKH 14928'

TD: 15112 TVD: 15112 PBD: 13420

ARE W16-12
Sec. 16-T4N-R8E
Summit County, Utah
API #43-043-30231
6/28/2012

Plug & Abandon

Well Data

Tubing: 3-1/2", 8RD & VAM
2-7/8", 8.6 & 8.7#, L-80 & PH-6
2-3/8", 4.7#, J-55 CS HYD @ 13,015'
Casing: 9-5/8 & 9-7/8", 53.5 – 62.8#, S-95 & 105 & P-110 @ 11,757'
Liner: 7-5/8", 43.5#, P-110 @ 10,852' – 12,102'
5", 18#, P-110 @ 10,473' – 15,105'
TD: 15,112'
PBSD: 13,420'
Elevation: 7,387' KB 7,360' GL

Baker FH Packer @ 10,304'

Open Perforations:

Nugget 13,130' – 13,156', 13,166' – 13,181', 13,194' – 13,224', 13,252' – 13,264',
13,275' – 13,313', 13,325' – 13,344', 13,352' – 13,376'

CIBP @ 13,420'

Squeezed/Plugged Back Perforations:

Nugget 13,224' – 13,232', 13,240' – 13,244', 13,394' – 13,474', 13,480' – 13,520',
13, 552' – 13,648', 13,684' – 13,728', 13,738' – 13,750'

Procedure

1. Test anchors. MIRU PU.
2. ND WH and NU BOP.
3. Unset and TOO H w/ Baker FH pkr and LD BHA.
4. PU & RIH w/ cement retainer and set @ 13,100'.
5. PU 2-7/8" WS, sting into retainer, and pump 100 sxs cmt below and 10 sxs on top.
6. Perf csg @ 10,473'. RIH w/ cmt retainer and set @ 10,450'. Pmp 25 sxs cmt below the retainer and 25 sxs on top.
7. Mud up and then pump a cmt stabilizer plug w/ 25 sxs from 7,450' – 7,350'.
8. Perf csg @ 4,870'. RIH w/ cmt retainer and set @ 4,850'. Pmp 25 sxs cmt below the retainer and 25 sxs on top.
9. Mud up and then pump a cmt stabilizer plug w/ 25 sxs from 1,850' – 1,750'.

10. Spot 100' plug 100' to surface with 25 sxs cmt.

11. Abandon well. Cut off WH and csg. Weld on cap. RDMOL. Clean and reclaim location.

Contacts

Foreman: Joe Sevenski (307) 783-2840

Operations Manager: Randy Sanders (307) 783-2603

Operations Engineer: Kreg Hadley (972) 628-1617



October 30, 2012

RECEIVED
Nov 01 2012
DIVISION OF OIL, GAS & MINING

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

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

Dear Mr. Dworshak,

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

ARE W 31-04	API 4304330165	Sec 31-T4N-R8E
ARE W 31-12	API 4304330190	Sec 31-T4N-R8E
→ ARE W 16-12	API 4304330231	Sec 16-T4N-R8E
ARE W 17-16	API 4304330176	Sec 17-T4N-R8E

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

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

Sincerely,

MERIT ENERGY COMPANY

Arlene Valliquette
North Division Regulatory Manager

Enclosure

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

PROBABLE REACTIVATIONS; POSSIBLE P&A'S

Well Name: ARE W 20-09

API: 43-043-30286

Summit County, Utah

Perfs: 11,742' – 13,821'

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

Well Name: ARE W 20-06

API: 43-043-30159

Summit County, Utah

Perfs: 13,008' – 13,860'

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

Well Name: ARE W 20-08

API: 43-043-30123

Summit County, Utah

Perfs: 11,900' – 12,647' (OA)

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

Well Name: ARE W 20-12

API: 43-043-30220

Summit County, Utah

Perfs: 12,928' – 13,117'

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

PROBABLE P&A'S

Well Name: ARE W 16-14

API: 43-043-30096

Summit County, Utah

Perfs: 12,816' – 13,515'

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

Well Name: ARE E 21-14

API: 43-043-30130

Summit County, Utah

Perfs: 10,880' – 11,650'

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

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
12-3-12	ARE W16-12

SUMMARY

43-043-30231
 Sec. 16, T4N, R8E
 Summit County, Utah

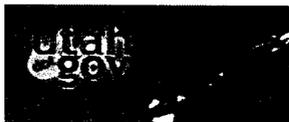
6:00-Crew travel-JSA meeting
7:00-Finish moving equipment except for pump & cementer-dig well out with Track Hoe-prep cmt equipment
10:45-Start pumping 15.9# cement (66 sacks/13.2 bbls cmt {330 gals} down csg & up surface csg {100 ft})
11:20-Cut & drop csg-cut wellhead off-weld cap & info marker on well
1:00-Finish moving equipment to new location-secure location
5:30-Crew travel
6:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	12.5	Yes
Tommy Obrian	11.5	Yes
Berry Knoke	0	Yes
Jason Grassord	12.5	Yes
Jason Wier	12.5	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig

REVINUE	COST
0	313.64



Lisha Cordova <lishacordova@utah.gov>

rig 24s daily report 12-2-12

1 message

Darie Roehm <darieroehm@yahoo.com>

Sun, Dec 2, 2012 at 6:21 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwws@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

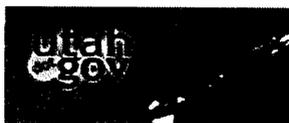
DATE	LOCATION
12-2-12	ARE W16-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-RIH with perforated sub on bottom-tag TOC @1720' (half way in on jt 55)
 7:50-Lay down all tbg on float (325 jts)
 8:45-Ru floor-move float-Nd BOP-Nu wellhead
 11:00-Rig down-dig out around well (To much cement around well to dig out)-
 start moving equipment to new location
 5:30-Shut down-secure equipment & location
 6:00-Crew travel
 7:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13	Yes
Tommy Obrian	13	Yes
Berry Knoke	18	Yes
Jason Grassord	13	Yes
Jason Wier	13	yes

NOTES



Lisha Cordova <lishacordova@utah.gov>

rig 24s daily report 12-1-12

1 message

Darje Roehm <darieroehm@yahoo.com>

Sat, Dec 1, 2012 at 8:42 PM

Reply-To: Darje Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwvs@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
12-1-12	ARE W16-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-Ru wireline-RIH & shoot 4 holes @4870'-get an injection rate of 3 bbls a min @100 PSI-RIH with 9 5/8 CICR, set @4850'-shoot 4 holes @100'-Rd wireline
 11:00-RIH with stinger on bottom
 12:15-Tag CICR @4865' (all the way in on jt 155)-space out-sting into CICR & re-establish injection rate (2.5 bbls a min. @200 PSI)-Ru cement equipment
 12:40-Start pumping 15.9# cmt (1 bbl FW ahead-66 sacks/13.2 bbls cmt {330 gal} -1 bbl FW behind-12 bbls displacement {leaving 38 sacks/7.6 bbls cmt below CICR}-sting out-4 bbls displacement {leaving 28 sacks/5.6 bbls cmt on top CICR-TOC 4780}
 1:20-Lay down 6 jts-reverse circulate tbg clean (28 bbls)-pump 195 bbls of 9# mud (Mud 4678' to 1924')
 3:20-Lay down 91 jts-Ru cmt equipment
 4:15-Start pumping 15.9# cement (1 bbl FW ahead-40 sacks/8 bbls cmt {200 gal}-1 bbl FW behind-5 bbls displacement {Cmt 1862' to 1750'})
 4:40-Lay down 7 jts & stand back 26-take stinger off
 5:15-Shut well in-drain equipment-secure rig & location
 6:00-Crew travel
 7:00

--	--	--



Lisha Cordova <lishacordova@utah.gov>

rig 24s daily report 11-30-12

1 message

Darie Roehm <darieroehm@yahoo.com>

Fri, Nov 30, 2012 at 8:02 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwws@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-30-12	ARE W16-12

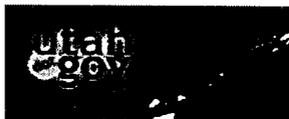
SUMMARY

6:00-Crew travel-JSA meeting
 7:00-RIH with perforated sub on bottom
 9:00-Tag TOC @7345' (15' ft in on jt 231)-lay down 77 jts & stand back 77
 11:00-Lunch-dig out & find surface valve-install new rollers-wait on wireline
 3:30-Ru wireline-RIH with gauge ring to 4900'-wireline had computer trouble
 5:45-Shut well in-secure rig
 6:30-Crew travel

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13.5	Yes
Tommy Obrian	13.5	Yes
Berry Knoke	13.5	Yes
Jason Grassord	13.5	Yes
Jason Wier	13.5	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the



Lisha Cordova <lishacordova@utah.gov>

rig 24s daily report 11-29-12

1 message

Darje Roehm <darieroehm@yahoo.com>

Thu, Nov 29, 2012 at 7:37 PM

Reply-To: Darje Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwws@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

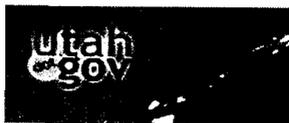
MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-29-12	ARE W16-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-RIH tag cement top @10330' (15 ft in on jt 324)
 7:40-Pump down tbg to clear stinger-start pumping 9# mud from 10280' to 7550' (194 bbls)
 11:05-Lay down 87 jts on the float (leaving 235 jts/7558' in hole)
 12:10-Ru cmt equipment-start pumping 15.8# cmt (1 bbl FW ahead-35 sacks/7 bbls cmt {175 gal)-1 bbl FW behind-26 bbls displacement (Cmt 7458' to 7358')
 12:45-Shut down-lay down 7 jts-stand back 114 stands-take BHA (stinger) off
 3:30-Shut well in-drain & clean equipment-build perforated sub-secure rig & location
 5:00-Crew travel
 6:00

NAMES	HOURS	SUBSISTANCE
Darje Roehm	12	Yes
Tommy Obrian	12.5	Yes
Berry Knoke	12	Yes
Jason Grassord	12	Yes
Jason Wier	12	yes



Lisha Cordova <lishacordova@utah.gov>

rig 24s daily report 11-28-12

1 message

Darie Roehm <darieroehm@yahoo.com>

Wed, Nov 28, 2012 at 6:44 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwws@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-28-12	ARE W16-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Ru cement equipment-sting into retainer

8:10-Start pumping 15.9# cement (1 bbl FW ahead-110 sacks/22 bbls cmt{550 gals}-1 bbl FW behind-40 bbls displaced when pressured up to 1000 PSI {leaving 55 sacks/11 bbls below retainer}-sting out-displace remaining 55 sacks/11 bbls cmt on top retainer {Cmt-13115' to 12497'})

9:15-Shut down-lay down 21 jts-reverse circulate tbg clean (60 bbls)-lay down 63 jts leaving 329 jts in hole (10503')

12:50-Ru cmt equipment-start pumping 15.9# cement balance plug (1 bbl FW ahead-57.5 sacks/11.5 bbls cmt{287.5 gals}-1 bbl FW behind-38 bbls disp.{Cmt 10503' to 10320'})

1:40-Lay down 17 jts-reverse circulate tbg clean (50 bbls)

3:00-Shut well in-drain & maintenance equipment-secure rig & location

4:30-Crew travel

5:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	11.5	Yes
Tommy Obrian	11.5	Yes
Berry Knoke	11.5	Yes



Lisha Cordova <lishacordova@utah.gov>

rig 24s daily report 11-27-12

1 message

Darie Roehm <darieroehm@yahoo.com>

Tue, Nov 27, 2012 at 7:27 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwws@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-27-12	ARE W16-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Ru wireline-RIH 300 ft with 5" CICR when blocks dropped to floor hitting the tongs & laying over on the floor-fixed drill line on spool (got blocks picked up-inspected drill line)-came out of the hole with wireline to re-head (checked all wireline equipment)

9:30-RIH with 5" CICR (OD 3.90)-set CICR @13100'-Rd wireline

12:10-Make up BHA (stinger)-RIH with stinger on bottom

3:20-Tag CICR @13115' (413 jts)

3:40-Roll the hole-pressure test csg (500 PSI)-sting into retainer-get injection rate of 1.5 bbls per min. @1000 psi

4:15-Shut well in-drain equipment-secure rig & location

5:00-Crew travel

6:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	12	Yes
Tommy Obrian	12	Yes
Berry Knoke	12	Yes
Jason Grassord	12	Yes
Jason Wier	12	Yes



Lisha Cordova <lishacordova@utah.gov>

Rig 24s daily report 11-26-12

1 message

Darie Roehm <darieroehm@yahoo.com>

Mon, Nov 26, 2012 at 7:08 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Adam Chastain <achastainwws@gmail.com>, Amy Benton <abenton@magnaes.com>, Ryan <rludwar@magnaes.com>, Dave Rebol <daverebol@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-26-12	ARE 16-12

SUMMARY

5:00-Crew travel-JSA meeting

11:30-Start equipment-check PSI on well

1:00-POOH-came out with 413 jts total, bit & scrapper on bottom

3:30-Shut well in-secure rig & location

4:00-Crew travel

5:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	12	Yes
Tommy Obrian	10	Yes
Berry Knoke	13	Yes
Jason Grassord	13	Yes
Jason Wier	12	Yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-21-12	ARE W16-12

SUMMARY

<p>6:00-Crew travel-JSA meeting 7:00-TIH off of float (2 3/8 tbg) with 4" bit & scrapper on bottom 12:35-Tag LT @10488 (15 ft in on jt 329)-finish TIH to 13123' (413 jts) 2:30-Lay down 1 jt, POOH 50 stands (leaving 322 jts/10284') 3:30-Shut well in-secure rig & location for days off 4:00-Crew travel 5:00</p>

NAMES	HOURS	SUBSISTANCE
Darie Roehm	11	Yes
Tommy Obrian	11	Yes
Berry Knoke	11	Yes
Jason Grassord	11	Yes
Cruz Terrazas	11	Yes

NOTES

<p>Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go 1/2 mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig</p>
--

REVINUE	COST
5100.00	

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-20-12	ARE 16-12

SUMMARY

<p>6:00-Crew travel-JSA meeting 7:00-Finish laying down 2 7/8 tbg-came out with 229 jts PH-6-cross over-89 jts N-80 (EUE)-cross over, packer-87 jts HD (2 3/8)-WL reentry guide on bottom 3:00-Ru wireline-RIH with 4" guide to 10473 and stacked out (liner top) could not get into 5" csg 5:00-Shut well in-secure rig & location 5:30-Crew travel 6:30</p>
--

NAMES	HOURS	SUBSISTANCE
Darie Roehm	12.5	Yes
Tommy Obrian	12.5	Yes
Berry Knoke	12.5	Yes
Jason Grassord	12.5	Yes
Cruz Terrazas	12.5	Yes

NOTES

<p>Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go 1/2 mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig</p>
--

REVINUE	COST
0	

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-19-12	ARE 16-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-Lead Legend Services in with BOP, accumulator & off load-try to get wellhead Nd-strip BOP on-Ru floor
 2:30-Release packer-lay down 3 ½ pup & change overs-get tbg float unstuck of of last location-bring pipe racks over from last location & spot in
 4:00-Start laying down 2 7/8 tbg down
 5:15-Shut well in-secure rig & location
 6:00-Crew travel
 7:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13	Yes
Tommy Obrian	13	Yes
Berry Knoke	13	Yes
Jason Grassord	13	Yes
Cruz Terrazas	13	Yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig

REVINUE	COST
0	

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-18-12	ARE 16-12

SUMMARY

6:00-Crew travel-JSA meeting
7:00-Get fresh water-finish spotting in-get tractor & trailer unstuck
9:00-Change out handling equipment to 3 ½-take diff. apart on rig axel-tie back to single line-shut well in-secure rig & location
11:00-Crew travel
12:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	6	Yes
Tommy Obrian	7	Yes
Berry Knoke	6	Yes
Jason Grassord	7	Yes
Cruz Terrazas	6	Yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig

REVINUE	COST
0	708.85

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
11-17-12	ARE 16-12

SUMMARY

6:00-Crew travel-JSA meeting
7:00-Move bad pipe off of racks and onto the ground-take fence down around well-take sales line down on well-wait on dozer to move rig
1:00-Pull rig to new location-spot in equipment-rig up-secure location
6:00-Crew travel
7:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13	Yes
Tommy Obrian	13	Yes
Berry Knoke	13	Yes
Jason Grassord	13	Yes
Cruz Terrazas	13	Yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig

REVINUE	COST
0	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: ARE W16-12
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		9. API NUMBER: 43043302310000
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2756 FSL 0454 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 04.0N Range: 08.0E Meridian: S		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/3/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Merit Energy Company has Plugged the ARE 16-12 from 11/18/2012 - 12/03/2012 as per the States specifications. Magna Energy Services job log is attached detailing the plugging process.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 26, 2013**

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/26/2013	

Magna Energy Services, LLC
17509 County Road 14,
Ft. Morgan, Colorado 80701
(970)-867-9007 or (970)-867-8374 (Fax)

Job Log

11/18/2012 - 12/13/2012

Date: 12/3/2012
Operator: Merit Energy
Well name: ARE W16-12
Location: Summit County, UT

MIRU, NDWH, NUBOP, Release packer, TOH and LD tubing and packer
RU Wireline, TTH with 4" guide to 10,473, Could not enter 5" casing, TOH and RD wireline
PU 4" bit and scraper, TIH to 13,123', TOH and LD bit and scraper, TOH
RU wireline, PU 5" CICR, TIH and set at 13,100', TOH and RD wireline
PU stinger, TIH and tag CICR at 13,100', Circulate wellbore and pressure test casing, Pressure held
Sting into CICR, Established injection rate of 1.5 BPM @ 1,000 psi
Pumped 110 sxs of cement, 55 sxs under CICR and 55 sxs on top, TOH to 10,503'
Reverse circulate tubing clean, Pumped 57.5 sxs of cement, Displaced with 38 bbl. of mud
TOH and WOC, TIH and tag TOC at 10,330', Pumped 194 bbl. of mud
TOH to 7,558', Pumped 35 sxs of cement, Displaced with 26 bbl. of mud
TOH, WOC, PU perforated sub, TIH and tag TOC at 7,345', TOH, RU wireline, TIH with gauge ring to 4,900
TOH, TIH and perforate at 4,870', TOH, Established injection rate of 3 BPM @ 100 psi
PU 9-5/8" CICR, TIH and set at 4,850', TOH to 100' and perforate casing, TOH and RD wireline
TIH with stinger, Tag CICR at 4,865', Sting into CICR, Established injection rate of 2.5 BPM
Pumped 66 sxs of cement, 38 sxs under CICR and 28 sxs on top, TOH and reverse circulate tubing clean
Pumped 195 bbl. of mud, TOH to 1,862', Pumped 40 sxs of cement, Displaced with 5 bbl. of mud
TOH, PU perforated sub, TIH and tag TOC at 1,720', TOH
Dig out well head, Pumped 66 sxs of cement to surface of production casing and annulus
Cut off well head, Welded information cap onto casing, Back filled pit, Cleaned location
RDMO

All cement pumped was 15.8# Class "G" Neat with a yield of 1.15

Cementing contractor: Magna Energy Services, LLC
Cementing contractor supervisor: Darie Roehm
Operations supervisor: Mel Wren
Utah DNR representative: Lisha Cordova
Wireline contractor: Magna Energy Services, LLC



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2014

Certified Mail #7003 2260 0003 2358 6960

43 043 30231
16 4N 8E

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

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

Dear Ms. Valliquette:

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

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

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



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

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

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

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

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

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

Sincerely,


Clinton Dworshak
Oil and Gas Compliance Manager

CLD/js
Enclosure: Compliance History

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ARE W16-12
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	9. API NUMBER: 43043302310000
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2756 FSL 0454 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 04.0N Range: 08.0E Meridian: S	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
	COUNTY: SUMMIT
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/1/2017	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit Energy request 1 year extension for reclaiming the above referenced well. Merit is waiting on response from the land owner. Merit plan on reclaiming the well once well hear back from the landowner.

Approved by the
September 02, 2016
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/2/2016	