

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

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK
b. Type of Well
Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
Amoco Production Company

3. Address of Operator
P.O. Box 17675, Salt Lake City, UT 84117

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface NW/4 NE/4 Section 31, 468' FNL & 2201' FEL
At proposed prod. zone BHL: 500' FNL & 2140' FEL (NINE Irregular section)

14. Distance in miles and direction from nearest town or post office*
Approximately 6 miles southeast of Castle Rock, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 468'
16. No. of acres in lease -

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. -
19. Proposed depth 14,160'

21. Elevations (Show whether DF, RT, GR, etc.) 7660' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	61 & 68#	2000'	Circ.
12-1/4"	9-5/8"	40, 43.5, 53.5, 62.8#	10,300'	*
8-1/2"	7"	23, 29, 32#	14,160'	*

* Determine from logs

PROPOSE TO DEVELOP NUGGET RESERVES

Subject well will be drilled in accordance with the Order issued in Cause #183-2.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 2-26-81
BY: M.J. Minder

Providing the Nugget producing interval be no closer than 500' from West boundary of the drilling unit.
See Attachments

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

24. Signed: Gayle Chapman Title: Administrative Supervisor Date: 2/12/81

(This space for Federal or State office use)

Permit No. Approval Date

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

5. Lease Designation and Serial No.
Fee
6. If Indian, Allottee or Tribe Name
7. Unit Agreement Name
8. Farm or Lease Name
Champlin 458 Amoco E WIU
9. Well No.
#1
10. Field and Pool, or Wildcat
Undesignated Anschutz Ranch East
11. Sec., T., R., M., or Blk. and Survey or Area
Section 31, T4N-R8E
12. County or Parrish
Summit
13. State
Utah
17. No. of acres assigned to this well
-
20. Rotary or cable tools
Rotary
22. Approx. date work will start*
When approved

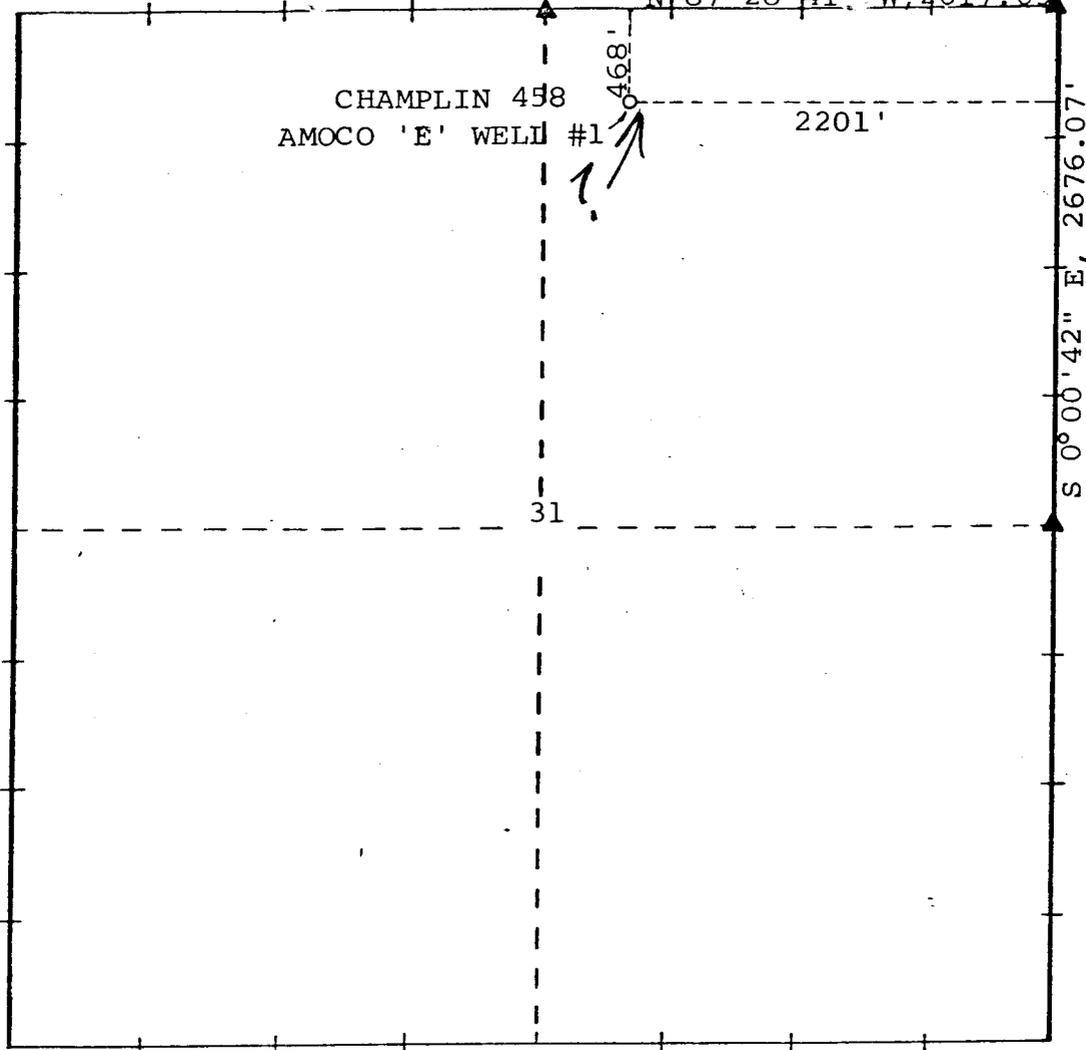
NW Corner

T 4 N

R 8 E

NE Corner

N 87° 28' 41" W, 2617.65'



SW Corner

SE Corner

SCALE: 1" = 1000'

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

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Reed Smith of Evanston, Wyoming for Amoco Production Co. I made a survey on the 4th day of February, 1981 for Location and Elevation of the Champlin 458 Amoco 'E' Well as shown on the above map, the wellsite is in the NW 1/4 NE 1/4 of Section 31, Township 4 N, Range 8 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7691 Feet top of hub Datum U.S.G.S. Quadrangle - Porcupine Ridge, UT/WY BM 15 EAM 1965 Elev. 7122

Reference point	North 300'	Elev. top of pin	7785.2'
Reference point	North 400'	"	7815.7'
Reference point	East 400'	"	7663.9'
Reference point	East 300'	"	7677.2'

John A. Proffit 2/5/81
 JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: 2-5-81
 JOB NO.: 80-10-61

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

Attachment To Form OGC-1a

Champlin 458 Amoco "E" #1

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

<u>Marker</u>	<u>Depth</u>
Garnet	5660'
Preuss	8660'
Salt	9660' ↗
Twin Creek	10,160'
Nugget	11,160'

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

See Item #2, above

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

- 5) Operators minimum specifications for pressure control equipment are explained on attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

- 6) Mud Program:

<u>App. Interval</u>	<u>Type Mud</u>	<u>Wt. #/Gal</u>	<u>Viscosity</u>	<u>W.L. CC/30M</u>	<u>Other Spec's</u>
0 -2000'	Native	8.4-8.5	As required	NC	
2000'-10,300'	LSND	8.4-10.5	35-40	Less than 20	Modified Salt Mud
10,300'-TD	LSND	8.4-9.0	35-40	Less than 20	

- 7) Auxiliary Equipment:

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

- 8) Testing Program:

Two man hotwire w/Chromatograph Surface-TD

Logging Program:

<u>Type</u>	<u>Depth Interval</u>
DIL-GR *	BSC-TD
DLL-MSFL **	BSC-TD
FDC-CNL-GR-Caliper	BSC-TD
FIL-Dipmeter	BSC-TD
BHC-GR-Caliper	Surface-TD
Cased Hole TDI	Across Nugget

* If mud is fresh

** If mud is salty

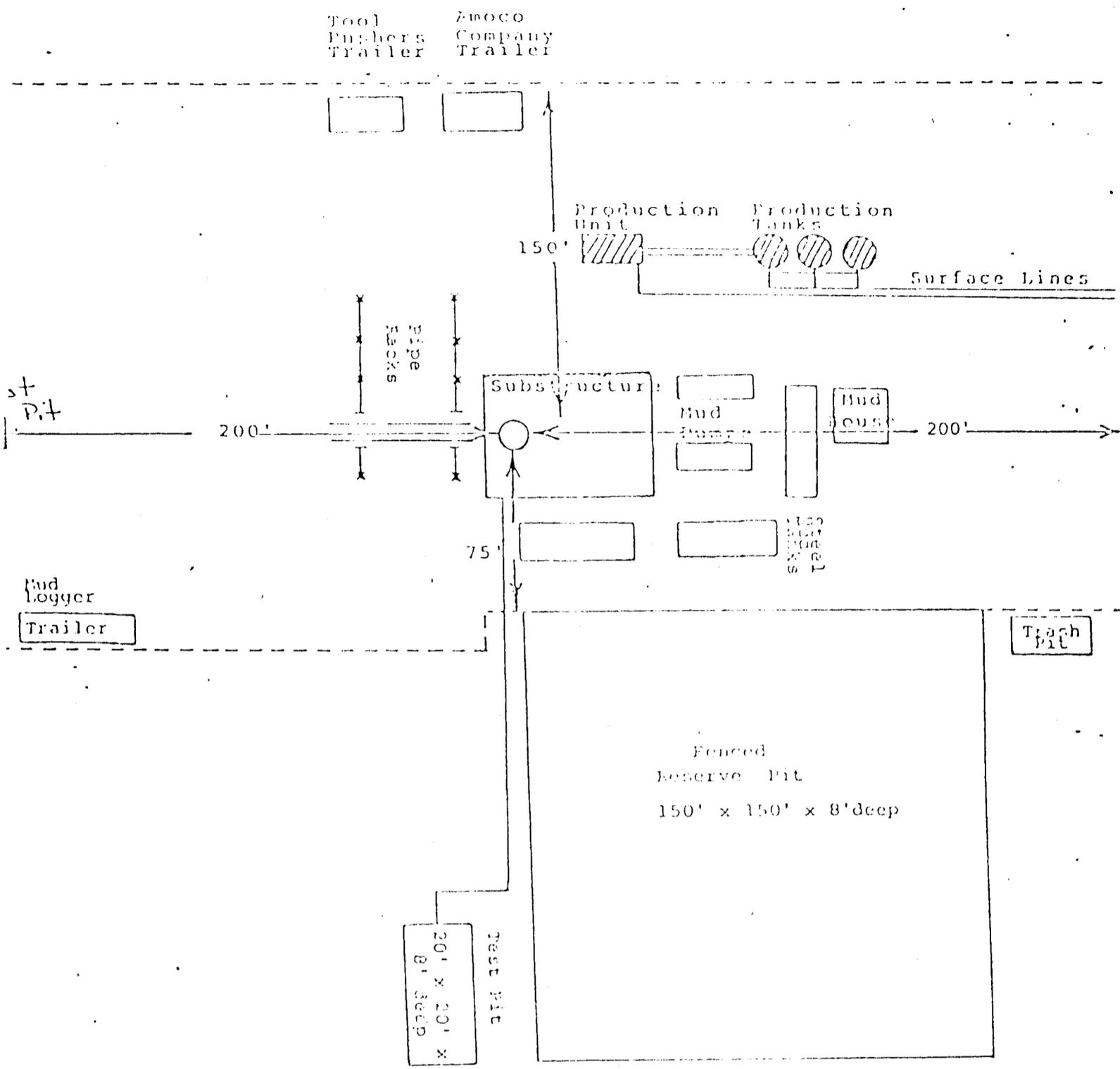
Coring Program:

No cores are scheduled

Stimulation Program:

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

- 9) No abnormal temperatures, pressures or H₂S are anticipated.
- 10) Anticipated starting date will be when approved and the duration of the operations will be approximately 180 days.



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

--- Dotted lines indicated perimeter of leveled location.

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

TYPICAL
LOCATION
LAYOUT

AMOCO PRODUCTION COMPANY
P. O. Box 12675
SALT LAKE CITY, UTAH 84117

EXHIBIT

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

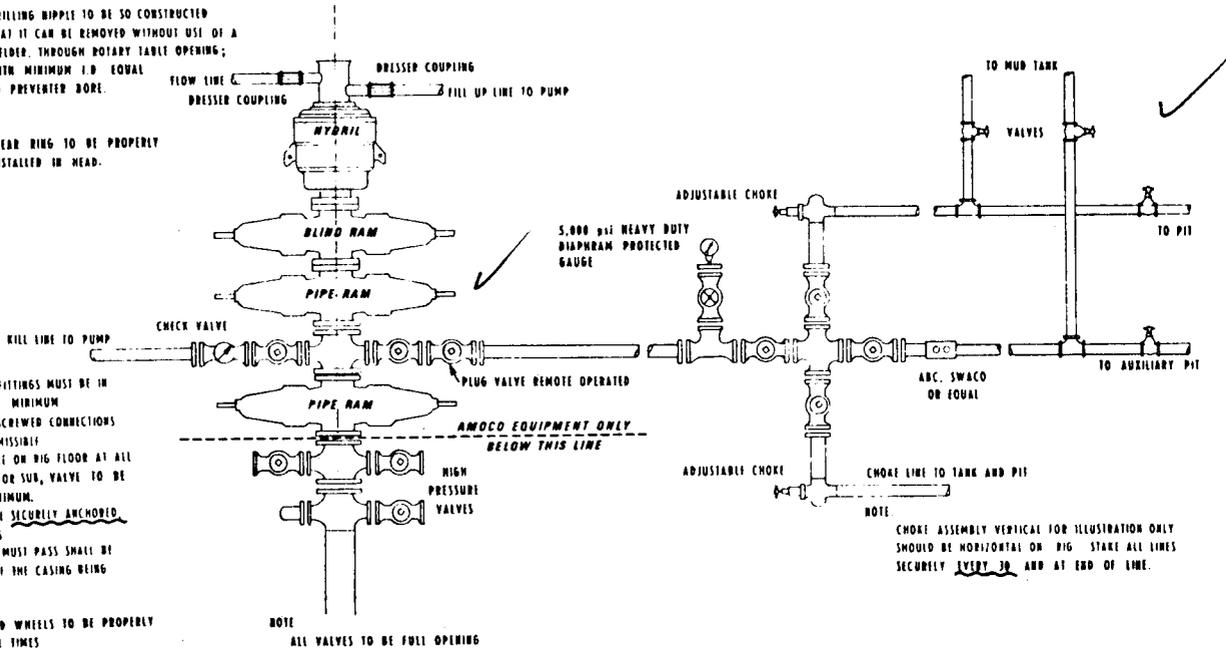
NOTE:

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

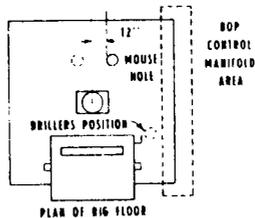
2 WEAR RING TO BE PROPERLY INSTALLED IN HEAD.

NOTE:

- 1 BLOW OUT PREVENTERS AND ALL FITTINGS MUST BE IN GOOD CONDITION 5,000 psi W.P. MINIMUM
- 2 ALL FITTINGS TO BE FLANGED SCREWED CONNECTIONS DOWNSTREAM FROM CHOSES PERMISSIBLE
- 3 SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUR. VALVE TO BE FULL BORE 5,000 psi W.P. MINIMUM.
- 4 ALL CHOKE AND KILL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKE LINES
- 5 EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH
- 6 KELLY COCK OR KELLY.
- 7 EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES
- 8 RIG FLOOR BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS FEASIBLE
- 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE 50 GALLON ACCUMULATOR, TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION, AND MEET ALL IADC SPECIFICATIONS

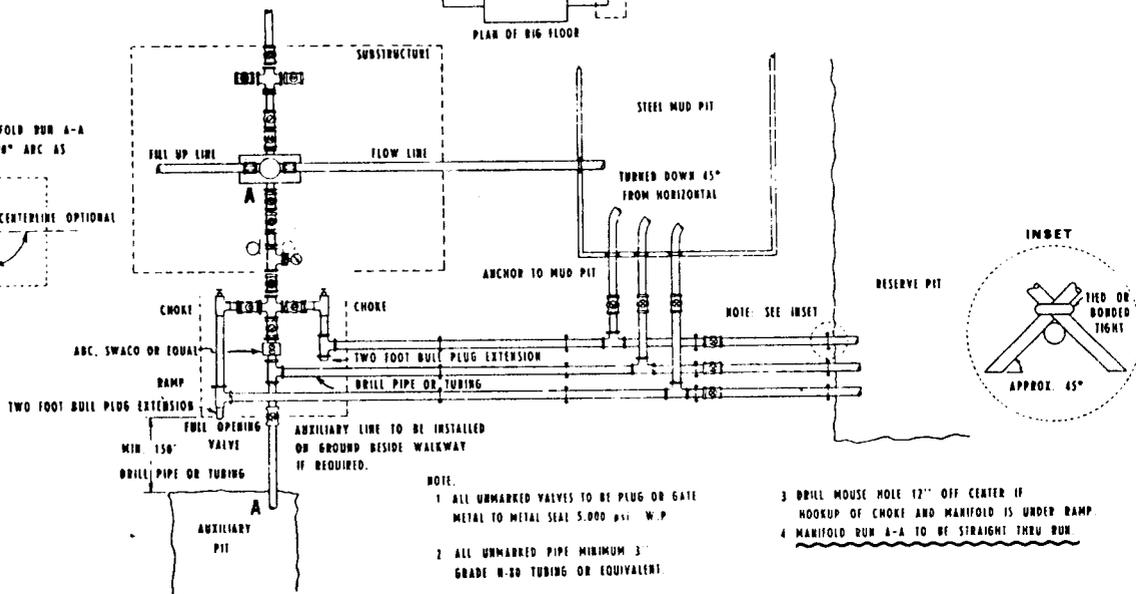
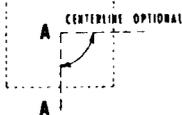


NOTE:
ALL VALVES TO BE FULL OPENING



NOTE:

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



NOTE:

- 1 ALL UNMARKED VALVES TO BE PLUG OR GATE METAL TO METAL SEAL 5,000 psi W.P.
- 2 ALL UNMARKED PIPE MINIMUM 3" GRADE N-80 TUBING OR EQUIVALENT.

- 3 DRILL MOUSE HOLE 12" OFF CENTER IF HOOKUP OF CHOKE AND MANIFOLD IS UNDER RAMP.
- 4 MANIFOLD RUN A-A TO BE STRAIGHT THRU RUN

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

** FILE NOTATIONS **

DATE: Feb. 23, 1981
OPERATOR: Amoco Production Company
WELL NO: Champlin 458 Amoco E Well #1
Location: Sec. 31 T. 4N R. 3E County: Summit

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-043-30164

CHECKED BY:

Petroleum Engineer: M.J. Minder 2-26-81
approved as amended on bottom hole location

Director: _____

Administrative Aide: Order # below - ok as per order
for bottom hole location.

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 123-2 4/10/80 O.K. Rule C-3

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

Lease Designation Free Plotted on Map

Approval Letter Written

Hot Line P.I.

February 27, 1981

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

Re: Well No. Champlin 458-Amoco E WIU #1
Sec. 31, T. 4N, R. 8E, NW NE
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 183-2, dated April 10, 1980. This location is approved providing the Nugget producing interval be no closer than 500' from west boundary of the drilling unit on bottom hole location.

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

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

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

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

The API number assigned to this well is 43-043-30164.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder
Petroleum Engineer

MTM/ko
cc:



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

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

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

December 15, 1981

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

Re: See Attached

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

CARI FURSE
CLERK TYPIST

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Champlin 458 Amoco 'E'

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 31, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
468' FNL & 2201' FEL NW/4 NE/4

14. PERMIT NO.
43-043-30164

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7660' GR

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

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

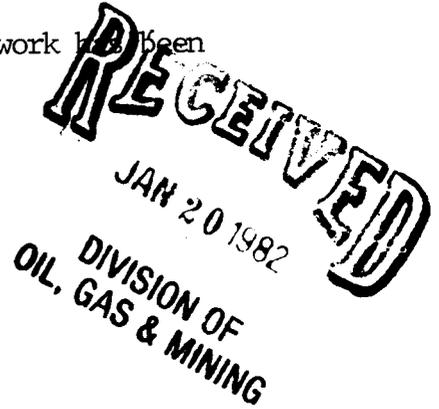
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

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

SPUD DATE: 9-5-81
Drilling Contractor: Vierson-Cochran, Rig #8

Casing: 13 3/8" casing set at 2520'
9 5/8" casing set at 10,545'
7" casing set at 14,710'

Current Status: Rig Released 1-14-82, Waiting on Completion Unit



18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Administrative Supervisor DATE 1-18-82

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

PRELIMINARY REPORT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 468' FNL & 2201' FEL
At top prod. interval reported below
At total depth
BHL: 1840' FNL & 1275' FEL

down

14. PERMIT NO. 43-043-30164 DATE ISSUED 2-27-81

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Champlin 458 ~~Amoco~~ "E"

9. WELL NO.
WLU #1

10. FIELD AND POOL, OR WILDCAT, OR AREA
~~Amoco Ranch East~~

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T4N, R8E

12. COUNTY OR PARISH Summitt, 13. STATE Utah

15. DATE SPUDDED 9/5/81 16. DATE T.D. REACHED 1/14/82 17. DATE COMPL. (Ready to prod.) 7-15-82 (final comp) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7694' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 14,710' 21. PLUG, BACK T.D., MD & TVD 14,420' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,900' - 14,420' Nugget 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, DIL, BHC, HDT, RFT, Micro-Seismogram; Directional; Dipmeter (2) 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	2520'	17 1/2"	3300 SX	
9 5/8"	40#	10,519'	12 1/4"	1450 SX	
7"	23#	14,710'	8 1/2"	600 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					3 1/2"	11,900'	11,900'

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

INTERVAL	SIZE	AMOUNT AND KIND OF MATERIAL USED
14,452' - 14,478'	w/4 JSPF	2600 gal. 7 1/2% HCL, sq. 100 sx
14,360' - 14,380'	"	2000 gal. 7 1/2% HCL,
14,300' - 14,315'	"	" " "
14,240' - 14,252'	"	1000 gal. 7 1/2% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Flowing	Shut-In					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/30/82	8	40/64"	→	52	804	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
130	--	→	156	2412	0		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY
to be sold when well placed on production

35. LIST OF ATTACHMENTS
none

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

SIGNED *[Signature]* TITLE Administrative Supervisor DATE 5-13-82

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

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP VERT. DEPTH
No cores or DST's				Nugget	11,904'	
			*Specific Formation Tops to be Supplied on Final Report			

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

38. GEOLOGIC MARKERS



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

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

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

May 20, 1982

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

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

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

Cari Furse
Clerk Typist

Well No. Louisiana Land & Exploration Fed. #1-34
Sec. 34, T. 8N, R. 6E.
Rich County, Utah
(February- April 1982)

Well No. State of Utah "S" #1
Sec. 30, T. 3N, R. 7E.
Summit County, Utah
(February - April 1982)

Well No. Champlin 458 "E" WIU #1
Sec. 31, T. 4N, R. 8E.
Summit County, Utah
(February- April 1982)

Well No. Champlin 458 "E" WIU #2
Sec. 31, T. 4N, R. 8E.
Summit County, Utah
(February- April 1982)

Well No. Thousand Peaks Ranches WIU #1
Sec. 32, T. 4N, R. 8E.
Summit County, Utah
(February - April 1982)

Well No. M. A. Smith #2
Sec. 16, T. 3S, R. 10W.
Wasatch County, Utah
(February- April 1982)

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

James W. Reynolds, Executive Director
Cleon E. Feight, Division Director

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

July 14, 1982

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

Re: Well No. Champlin 458 Amoco
"D" #2
Sec. 29, T. 4N, R. 8E.
Summit County, Utah

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

Gentlemen:

According to our records, a "Well Completion Report" filed with this office May 13, 1982, from above referred to wells, indicates the following electric logs were run: "D" #2: CNL-FDC, DIL, Dipmeter, BHC, GR, RFT, TDT, Directional, Micro-Seismogram; "E" WIU #1: CNL-FDC, DIL, BHC, HDT, RFT, Micro-Seismogram, Directional, Dipmeter, CBL. As of today's date, this office has not received these logs: "D" #2: CNL-FDC, DIL, Dipmeter, BHC, GR, TDT, Directional, Micro-Seismogram; "E" WIU #1: HDT, RFT, Micro-Seismogram, Directional & Dipmeter.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist



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

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

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

August 14, 1982

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

Re: Well No. Champlin 458 Amoco
"D" #2
Sec. 29, T. 4N, R. 8E.
Summit County, Utah

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

Gentlemen:

Our office contacted you on July 14, 1982, requesting that you send in the electric logs for the above referred to wells.

According to our records, a "Well Completion Report" filed with this office May 13, 1982, from above referred to wells, indicates the following electric logs were run: "D" #2: CNL-FDC, DIL, Dipmeter, BHC, GR, RFT, TDT, Directional, Micro-Seismogram; "E" WIU #1: CNL-FDC, DIL, BHC, HDT, RFT, Micro-Seismogram, Directional, Dipmeter, CBL. As of todays date, this office has not received these log: "D" #2: CNL-FDC, DIL, Dipmeter, BHC, GR, TDT, Directional, Micro-Seismogram; "E" WIU #1: HDT, RFI, Micro-Seismogram, Directional, & Dipmeter.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

**You are in violation of the above rule. If we do not receive the above logs within fifteen (15) days, we will turn this file over to the Attorney at the Division of Oil, Gas and Mining for legal action and we will not approve any more applications from your company.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist



August 24, 1982

Amoco Production Company

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

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

Attn: Cari Furse

Dear Ms. Furse:

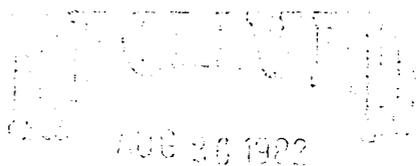
Enclosed are dipmeters and directional log on the Champlin 458 Amoco E #2, dated May 6 and June 26, 1982. We do not have films, prints or sepias of the EPT and RFT on this well; so far as I know, these logs were not run.

You requested microseismograms on the above well and on the Champlin 458 Amoco D #2 and 458 E #1. So far as I have been able to determine, these were not run.

If I can be of further assistance, please call on me.

Yours truly,

Nancy Camp
Staff Exploration Technologist
303-830-5184



DIVISION OF
OIL, GAS & MINING

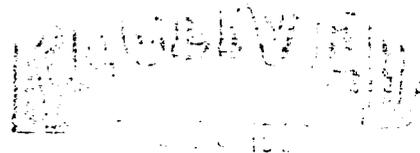


Amoco Production Company

Post Office Box 17675
Salt Lake City, Utah 84117
801-272-9253

T. G. Doss
District Superintendent

February 9, 1983



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

DIVISION OF
OIL, GAS & MINING

File: DSD-251-031.190

Anschutz Ranch East Unit Operations - Summit County, Utah

Amoco Production Company herewith advises that the following wells within the subject unit have been renamed as noted:

<u>Old Well Name:</u>	<u>New Well Name/Location:</u>
✓ Anschutz U2-30	Anschutz Ranch East Unit W30-02 Sec. 30, T4N, R8E
Anschutz U6-20	Anschutz Ranch East Unit W20-06 Sec. 20, T4N, R8E
Anschutz U30-06	Anschutz Ranch East Unit W30-06 Sec. 30, T4N, R8E
Anschutz U8-20	Anschutz Ranch East Unit W20-08 Sec. 20, T4N, R8E
Anschutz U8-30	Anschutz Ranch East Unit W30-08 Sec. 30, T4N, R8E
Anschutz U10-20	Anschutz Ranch East Unit W20-10 Sec. 20, T4N, R8E
Anschutz U10-30	Anschutz Ranch East Unit W30-10 Sec. 30, T4N, R8E
Anschutz U12-20	Anschutz Ranch East Unit W20-12 Sec. 20, T4N, R8E



<u>Old Well Name:</u>	<u>New Well Name/Location:</u>
Anschutz U14-20	Anschutz Ranch East Unit W20-14 Sec. 20, T4N, R8E
Anschutz U14-30	Anschutz Ranch East Unit W30-14 Sec. 30, T4N, R8E
Anschutz U16-20	Anschutz Ranch East Unit W20-16 Sec. 20, T4N, R8E
Anschutz U16-30	Anschutz Ranch East Unit W30-16 Sec. 30, T4N, R8E
Bountiful Livestock #1	Anschutz Ranch East Unit W16-14 Sec. 16, T4N, R8E
Bountiful Livestock "A" #1	Anschutz Ranch East Unit W16-06 Sec. 16, T4N, R8E
Champlin 458 Amoco "D" #1	Anschutz Ranch East Unit W29-04 Sec. 29, T4N, R8E
Champlin 458 Amoco "D" #2	Anschutz Ranch East Unit W29-02 Sec. 29, T4N, R8E
Champlin 458 Amoco "D" #3	Anschutz Ranch East Unit W29-12 Sec. 29, T4N, R8E
✓Champlin 458 Amoco "D" #5	Anschutz Ranch East Unit W29-14 Sec. 29, T4N, R8E
Champlin 458 Amoco "D" #6	Anschutz Ranch East Unit W29-06 Sec. 29, T4N, R8E
Champlin 458 Amoco "E" #1	Anschutz Ranch East Unit W31-08 Sec. 31, T4N, R8E
Champlin 458 Amoco "E" #2	Anschutz Ranch East Unit W31-04 Sec. 31, T4N, R8E
✓Champlin 458 Amoco "E" #5	Anschutz Ranch East Unit W31-02 Sec. 31, T4N, R8E
Champlin 458 Amoco "E" #6	Anschutz Ranch East Unit W31-06 Sec. 31, T4N, R8E
Champlin 458 Amoco "F" #1	Anschutz Ranch East Unit W21-04 Sec. 21, T4N, R8E
Champlin 458 Amoco "F" #2	Anschutz Ranch East Unit E21-14 Sec. 21, T4N, R8E
Island Ranching "E" #2	Anschutz Ranch East Unit W36-08 Sec. 36, T3N, R7E
Thousand Peaks Ranches #1	Anschutz Ranch East Unit W32-04 Sec. 32, T4N, R8E

~~458-E-1~~ These logs

HDT

RFT not run

Microseis not run

Dirac

Lip

4N8E31 POW

Division of Oil, Gas, and Mining
DSD-251-031.190
Page Three

For your information the letter preceding the well number (W-E) refers to the West/East Nugget structure within the Anschutz Ranch East Unit. Should you have questions concerning the well name changes, please contact Scheree Wilcox at this office, 801-264-2200.

T.G. Doss

T.G. Doss
District Superintendent

SW/

cc: State of Wyoming
Oil and Gas Conservation Commission
P.O. Box 2640
Casper, Wyoming 82601



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
& MINING**

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

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

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

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

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

Sincerely yours,

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

SDE/jwu

Attachment

LTR119

Mobil Oil Corporation

P O BOX 5444
DENVER, COLORADO 80217

Denver E&P Division
September 13, 1984

RECEIVED

SEP 19 1984

DIVISION OF OIL
GAS & MINING

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

Attention: Diane Nielson

CLASSIFICATION OF WELLS:
ANSCHUTZ RANCH EAST UNIT
EAST PARTICIPATING AREA

Gentlemen:

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

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

Yours very truly,


J. L. Douglass
Regulatory Compliance Manager

SEHunt:270:slr

cc: RJ Firth
JR Bazz



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 24, 1984

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

COPY

Dear Mr. Souders:

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

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

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

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

Page 2
Amoco Production Company
September 24, 1984

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

Sincerely,

Original Signed by John R. Baza

John R. Baza
Petroleum Engineer

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		RECEIVED MAR 15 1985 DIVISION OF OIL GAS & MINING	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 468' FNL & 2201' FEL			8. FARM OR LEASE NAME W31-08
14. PERMIT NO. 43-043-30164			9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7715' KB 7695' GL			10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
			11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 31, T4N, R8E
			12. COUNTY OR PARISH 13. STATE Summit Utah

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

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

Estimated start date is April 8, 1985

Procedure for work is attached.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3/20/85
BY: John R. Daga

18. I hereby certify that the foregoing is true and correct
SIGNED Kenn E. Prober TITLE District Engineer DATE 3/13/85

(This space for Federal or State office use)

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

Workover and Test Procedure
ARE Well No. 31-08

1. Drill out BP at 12800.
2. Squeeze cement perforations 12820-13390.
3. Set permanent BP at 14100.
4. Test and stimulate as necessary 13442-13962.
5. Perforate 11905-11960.
6. Dually complete with 2 7/8" tubing for perforations 11905-12620, and 2 3/8" tubing for perforations 13442-13962.
7. Produce no longer than necessary to clean up.
8. Obtain an initial static BHP through each tubing string.
9. Place short string on production. Monitor the BHP in the long string continuously for 72 hours, or until response to uphole production is clearly indicated.
10. Place long string on production for 30 days.
11. Obtain BHP build-up on the long string.
12. Additional work contingent upon results of above.

<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



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

March 18, 1985

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

Gentlemen:

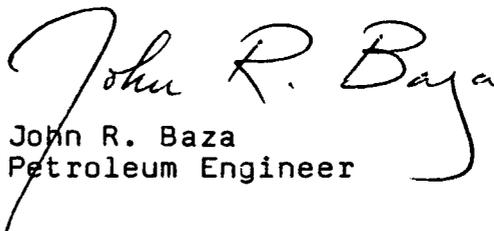
RE: Well No. Anschutz Ranch East W31-08, Sec.31, T.4N, R.8E, Summit
County, Utah.

The Division has recently received a Sundry Notice on the subject well. The notice indicates that it is intended to dually complete the well as a producer and an injector. The Division has reviewed and approved the workover and test procedure which was submitted with the Sundry Notice and an approved copy of the notice is attached for your records.

Please note that this approval extends only to the production testing of the well as indicated on the test procedure. If it is intended to inject fluid into either of the zones indicated on the notice, you are required to submit such application and obtain approval from the Underground Injection Control (UIC) program administrator of this Division.

If you have any questions concerning this matter, please contact me at this office.

Yours Truly,


John R. Baza
Petroleum Engineer

cc: R.J. Firth
C.B. Feight
Well File
0090T-49



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

March 18, 1985

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

Gentlemen:

RE: Well No. Anschutz Ranch East W31-08, Sec.31, T.4N, R.8E, Summit
County, Utah.

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Yours Truly,


John R. Baza
Petroleum Engineer

cc: R. J. Firth
C. B. Feight
Well File
0090T-49



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

March 18, 1985

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

Gentlemen:

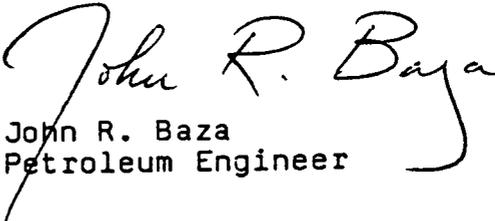
RE: Well No. Anschutz Ranch East W31-08, Sec.31, T.4N, R.8E, Summit
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If you have any questions concerning this matter, please contact me at this office.

Yours Truly,


John R. Baza
Petroleum Engineer

cc: R.J. Firth
C.B. Feight
Well File
0090T-49

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... 5-17-85

OIL CO.: Amoco

WELL NAME & NUMBER..... W-31-08 ARE

SECTION..... 31

TOWNSHIP..... 4N.

RANGE..... 8E.

COUNTY.....

DRILLING CONTRACTOR..... Summit, Utah Canon #9

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..... Ken Klinker

RIG TOOL PUSHER..... Cris

TESTED OUT OF..... EVANSTON

NOTIFIED PRIOR TO TEST:

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

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

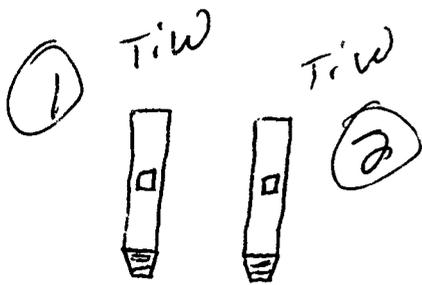
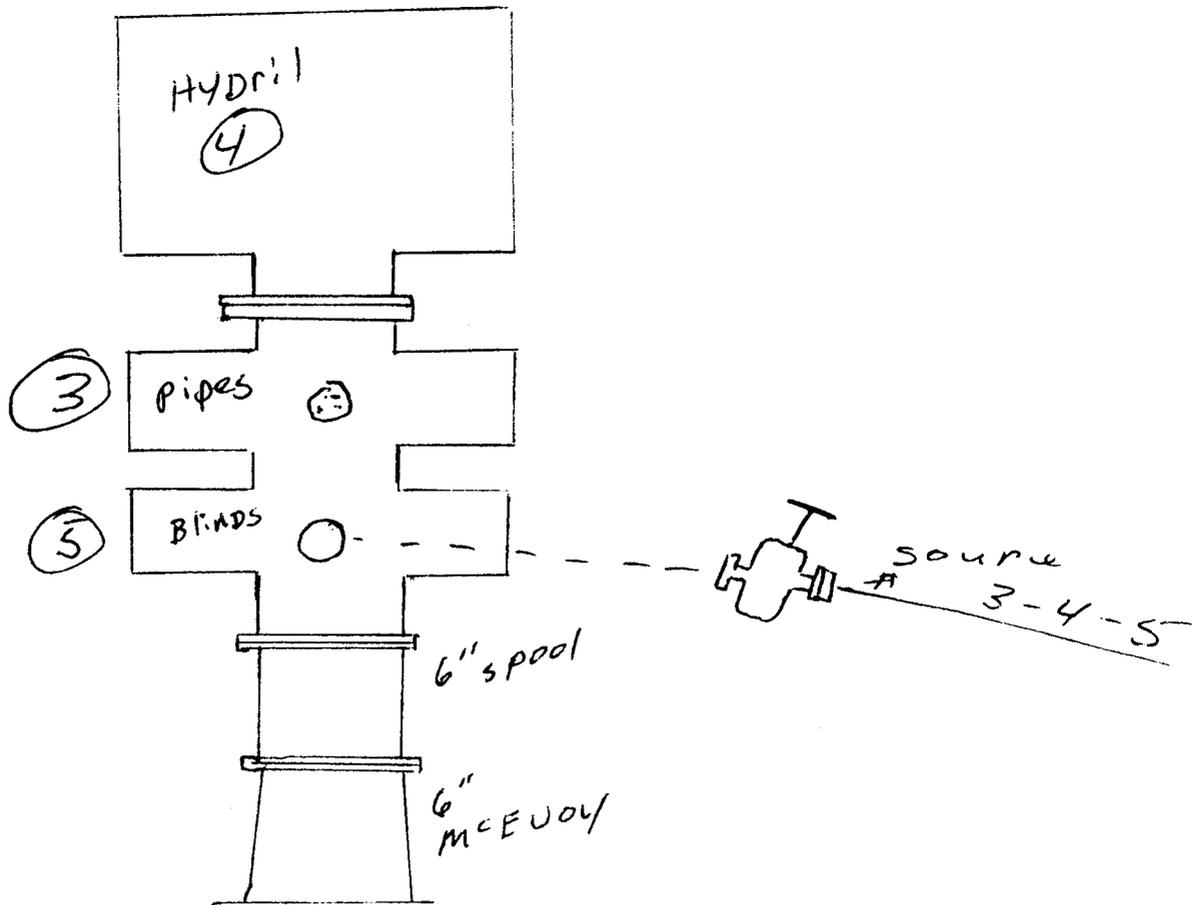
COMPANY

LEASE AND WELL NAME #

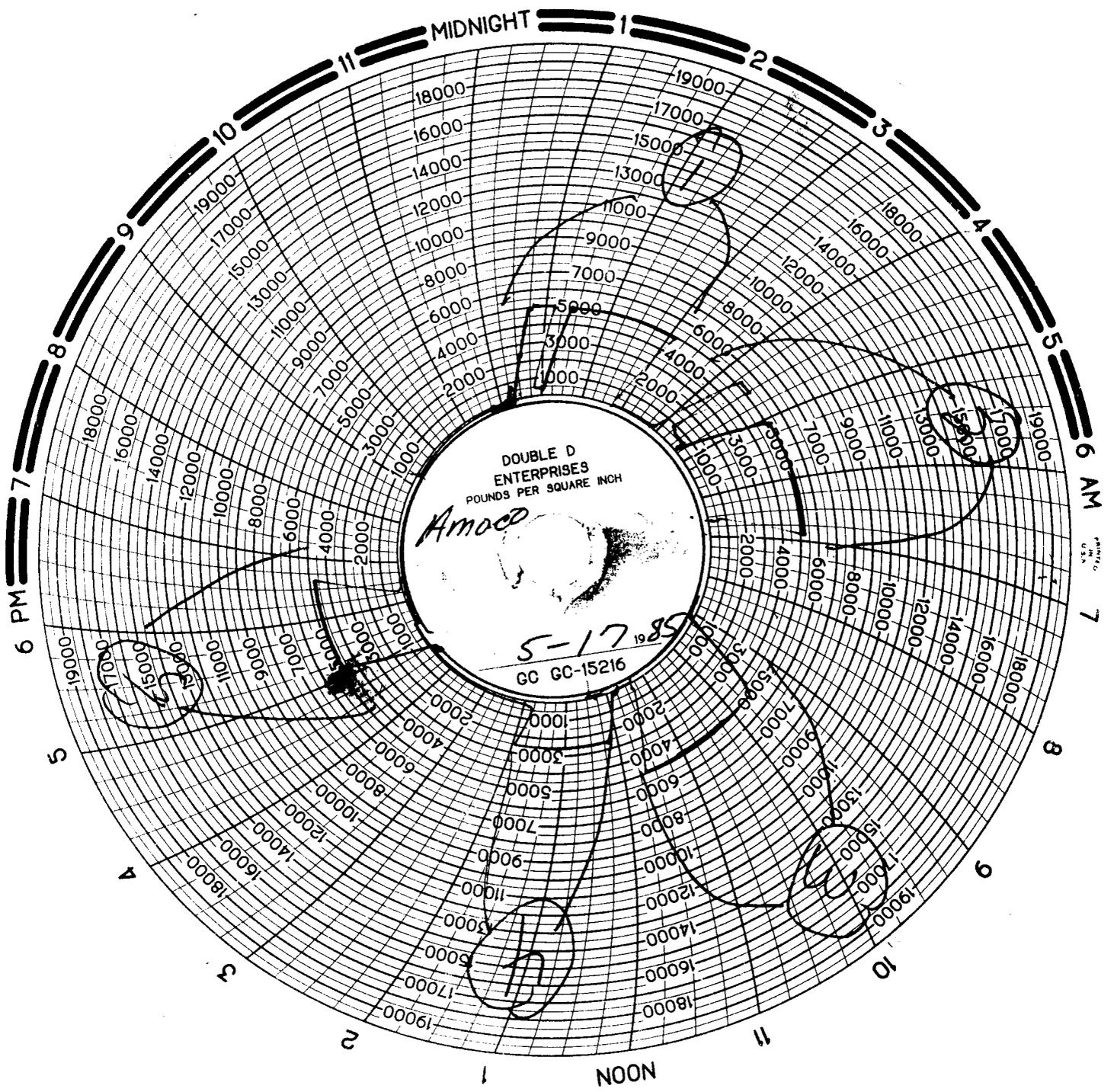
DATE OF TEST

RIG # AND NAME

ST#	TIME		
			5000
	2 ³⁰ PM	arrive ON location	15 min
①	2 ³⁰ 5 ⁰⁰	Tested Both TIWS	OK
②		had to tighten connection Help nipple up BOP & Hook-up Koomey lines	
③	5 ⁰⁰ 5 ³⁰	Rig up to test pipes Run joint Test pipes	5000 15 min OK
④	5 ³⁰ 6 ⁰⁰	Close Hydril open pipes Test Hydril 2500	15 min OK
	6-8 ³⁰	Kill well so we can Remove Back pressure valve & set Blind Plug in tubing	
⑤	8 ³⁰ 9 ⁰⁰	Blinds 5000	15 min OK Rig Down load truck



AMOCO
 ARE W-31-08
 CANON 9



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

Amoco

5-17-89

GC GC-15216

MADE IN U.S.A.



Amoco Production Company

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

T. G. Doss
District Manager

December 3, 1985

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

Attn: Cleon B. Feight

File: VEP-562-WF

Injection Well Application
ARE W31-08
Anschutz Ranch East
Summit County, Utah

The following application for an Underground Injection Control Class II Well is submitted for your review and approval. The Anschutz Ranch East W31-08 well will be the thirteenth well to be used for gas injection purposes in the Anschutz Ranch East field (reference Amoco Production Company letter dated April 7, 1983). Please find attached the above mentioned application and attachments for the ARE W31-08 well.

Amoco Production Company has reviewed Rule 1, Underground Injection Criteria and Standards. All data requested for Rule I-5, Application for Approval of Class II Injection Wells, has been submitted under this letter. Additionally, Amoco has reviewed R-I-6, Operating Requirements for Class II Injection Wells, and will meet the requirements as specified. Amoco recommends an alternative to Rule I-6-A-3 regarding pressure testing the casing as noted in the attached section entitled "Pressure Testing".

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

Please direct any questions to Mike Healey in the Evanston District Office at (307) 789-1700.

T. G. Doss

T. G. Doss

MWH/vje

Attachments

RECEIVED

DEC 13 1985

**DIVISION OF OIL
& MINING**

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

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

IN THE MATTER OF THE APPLICATION OF
Amoco Production Company, USA
 ADDRESS P.O. Box 829
Evanston, WY ZIP 82930
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE W31-08 WELL
 SEC. 31 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

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

APPLICATION

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

Lease Name <u>UPRR 31-1</u>	Well No. <u>ARE W31-08</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>31</u> Twp. <u>4N</u> Rge. <u>8E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input type="checkbox"/> Date <u>6/29/85</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>N 3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What Gas <u>Gas</u>	
Location of Injection Source(s) <u>Nitrogen extraction plant Uinta County, WY</u>	Geologic Name(s) and Depth of Source(s) <u>Nitrogen extraction via atmosphere</u>		
Geologic Name of Injection Zone <u>Nugget</u>	Depth of Injection Interval <u>11900</u> to <u>12620</u>		
a. Top of the Perforated Interval: <u>11903</u>	b. Base of Fresh Water: <u>3000</u>	c. Intervening Thickness (a minus b) <u>8904</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Gannet (clay stone); Preuss (sandstone/shale); salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>50</u> MMSCFD <u>B/D</u> <u>6100</u> <u>PSI</u>			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of a unit agreement</u>			

Kenn E. Prater, District Engineer

 Amoco Production Company
 Applicant

MARITA L. LEWIS
 NOTARY PUBLIC
 STATE OF WYOMING
 COUNTY OF UTAH

Wyoming _____)
 Uinta _____)

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

Subscribed and sworn to before me this 10th day of Dec., 19 85

SEAL
 My commission expires 2-11-86

Marita L. Lewis

 Notary Public in and for Uinta County

LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

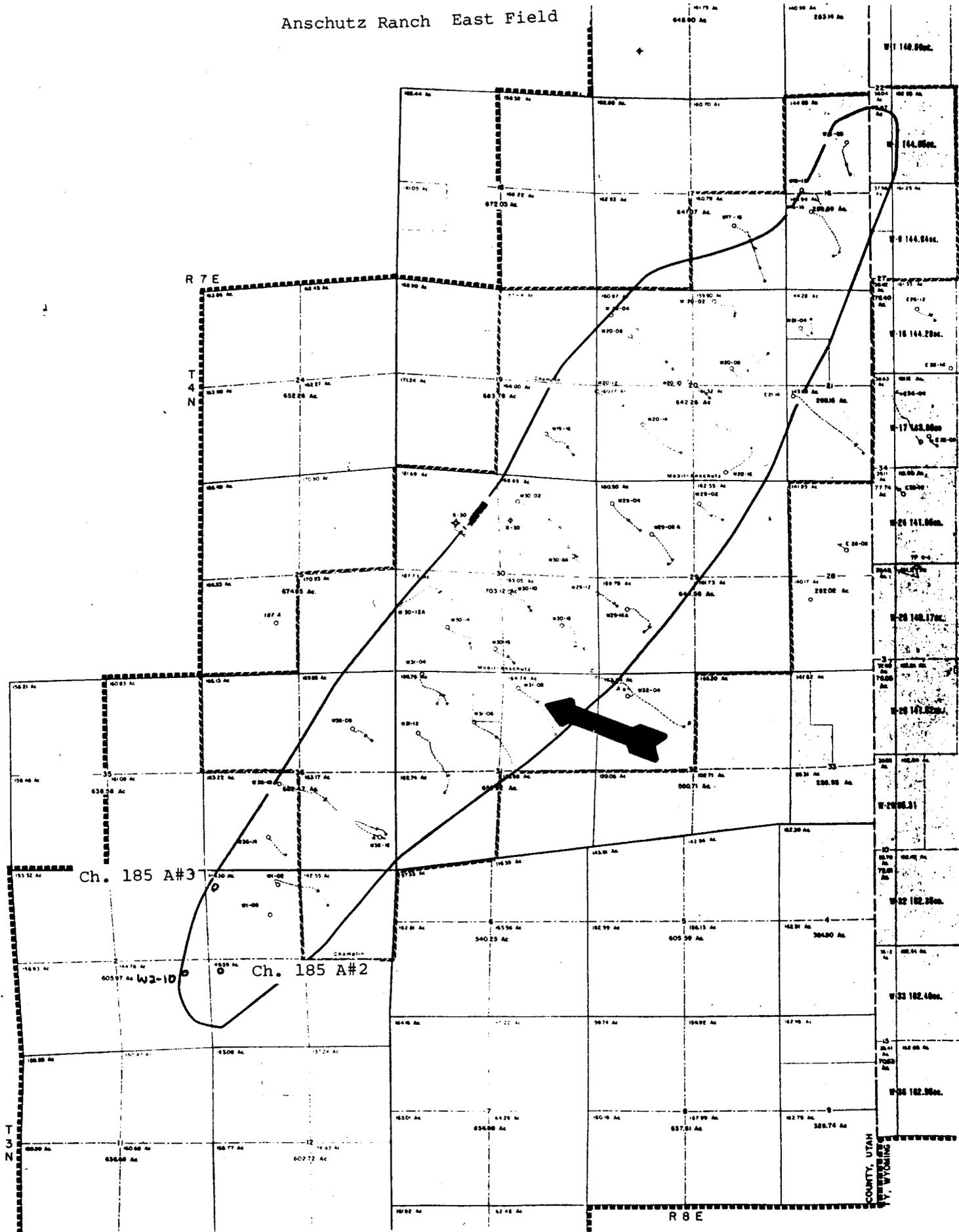
FORMATION PRESSURE TESTING

MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

Anschutz Ranch East Field



R 7 E

T 4 N

Ch. 185 A#3

Ch. 185 A#2

W2-10

R 8 E

COUNTY, UTAH
T. W. WATSON

Anschutz Ranch East

Surface Owners Within One-Half Mile of the W31-08 Injection Well*

<u>Well</u>	<u>Type</u>	<u>Total Depth</u>	<u>Surface Owners</u>
W32-04	Producing	14,185'	Anschutz - Sec. 32
W31-06	Producing	14,330'	Anschutz - Sec. 31
W30-15	Injection	13,694'	Anschutz - Sec. 30

* Amoco operates all the wells in the field

Injection

Maximum injection rate - 50 MMSCFD
Maximum surface pressure - 6100 psi
Injection fluid - 65% hydrocarbon gas/35% nitrogen

A step rate test was conducted during February, 1985 on the ARE W20-14 injection well in the Nugget formation. One hundred percent nitrogen was used for the test. Injection rates started at 3 MMSCFD at a wellhead pressure of 3760 psi (BHP = 5329 psi) and were increased to a final rate of 60.5 MMSCFD at a wellhead pressure of 5552 psi (BHP = 6616 psi). A cartesian plot of injection rate versus bottomhole pressure shows that the Nugget formation did part at a pressure and rate less than that requested for W31-08. However, the parting pressure and rate vary between wells based upon the depth and perforated pay quality. The data on the W20-14 and previous step rate data show the fracture gradient in the Nugget Formation to be .51 psi/ft. Other injection wells do have higher injection rates and pressures and are not fracturing based upon the .51 psi gradient.

We do not expect to reach the parting pressure with the requested 6100 psi surface pressure and 50 MMSCFD rate because of the pressure losses caused by the transferral of the gas to the formation face. Amoco will collect data to ensure the W31-08 injection pressures are less than the parting pressure. ✓

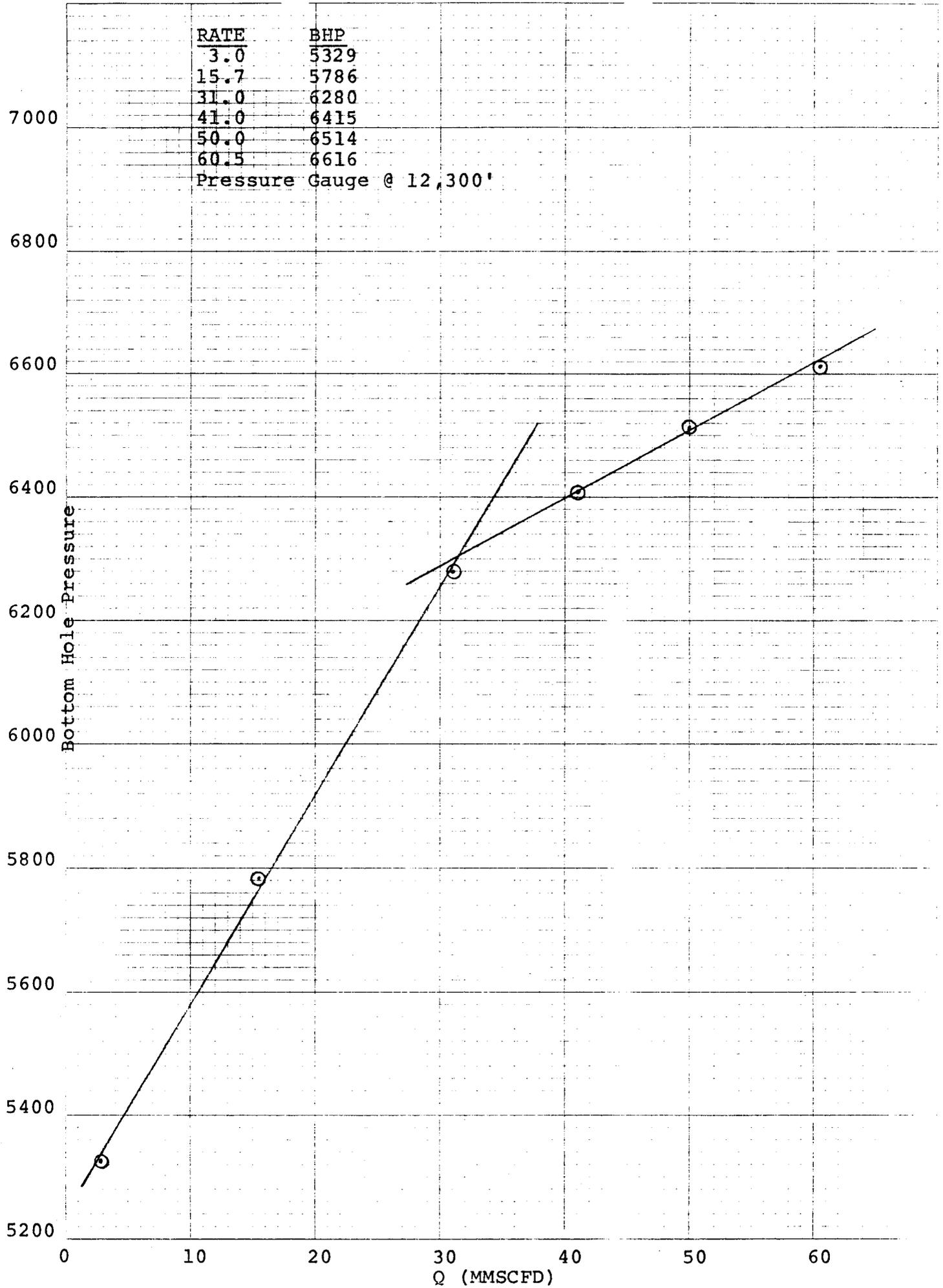
ANSCHUTZ W20-14 STEP RATE TEST

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

Pressure Gauge @ 12,300'

46 0700

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



Injection Operating Data

ARE Injection Wells

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

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

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

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

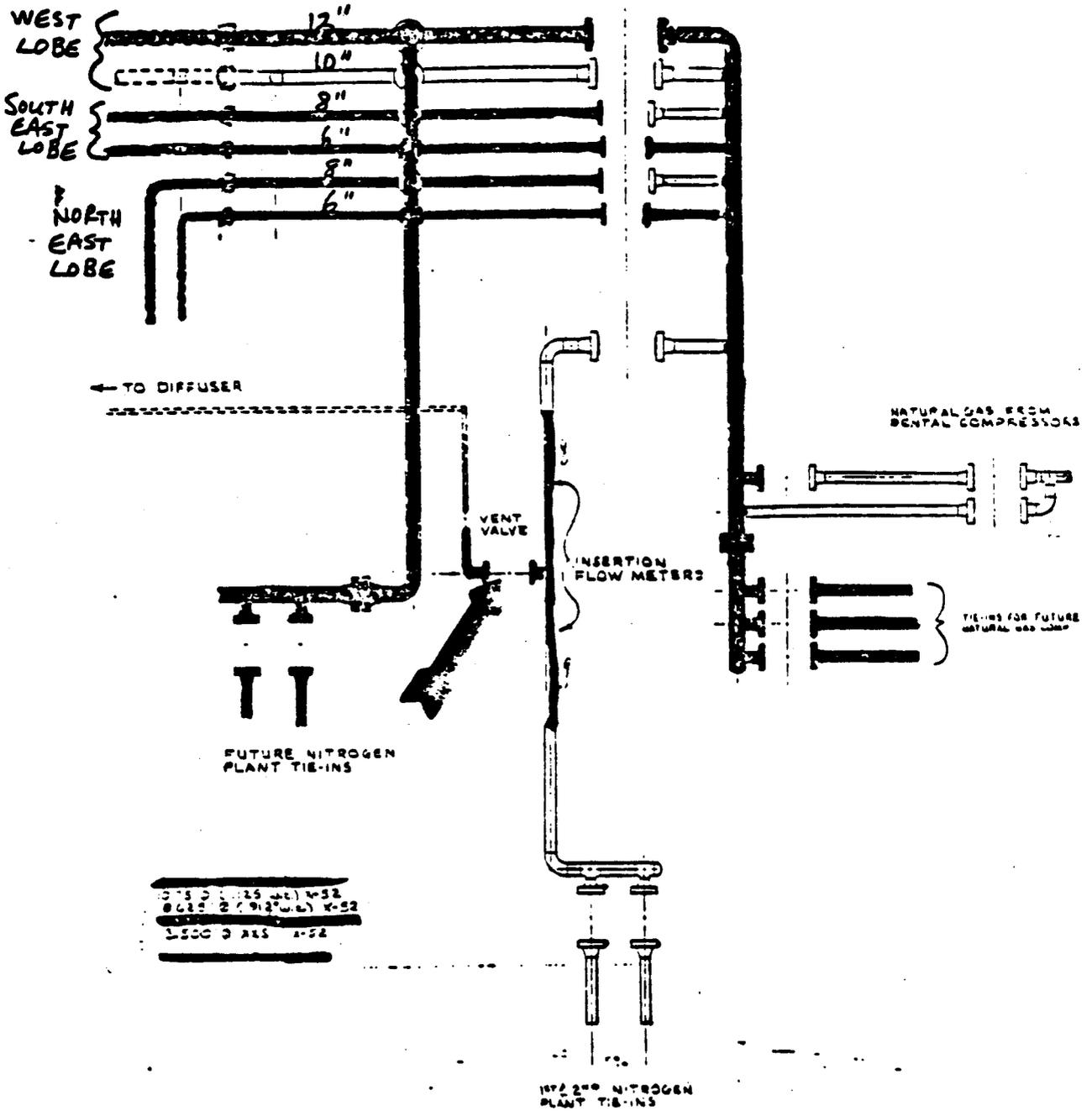
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

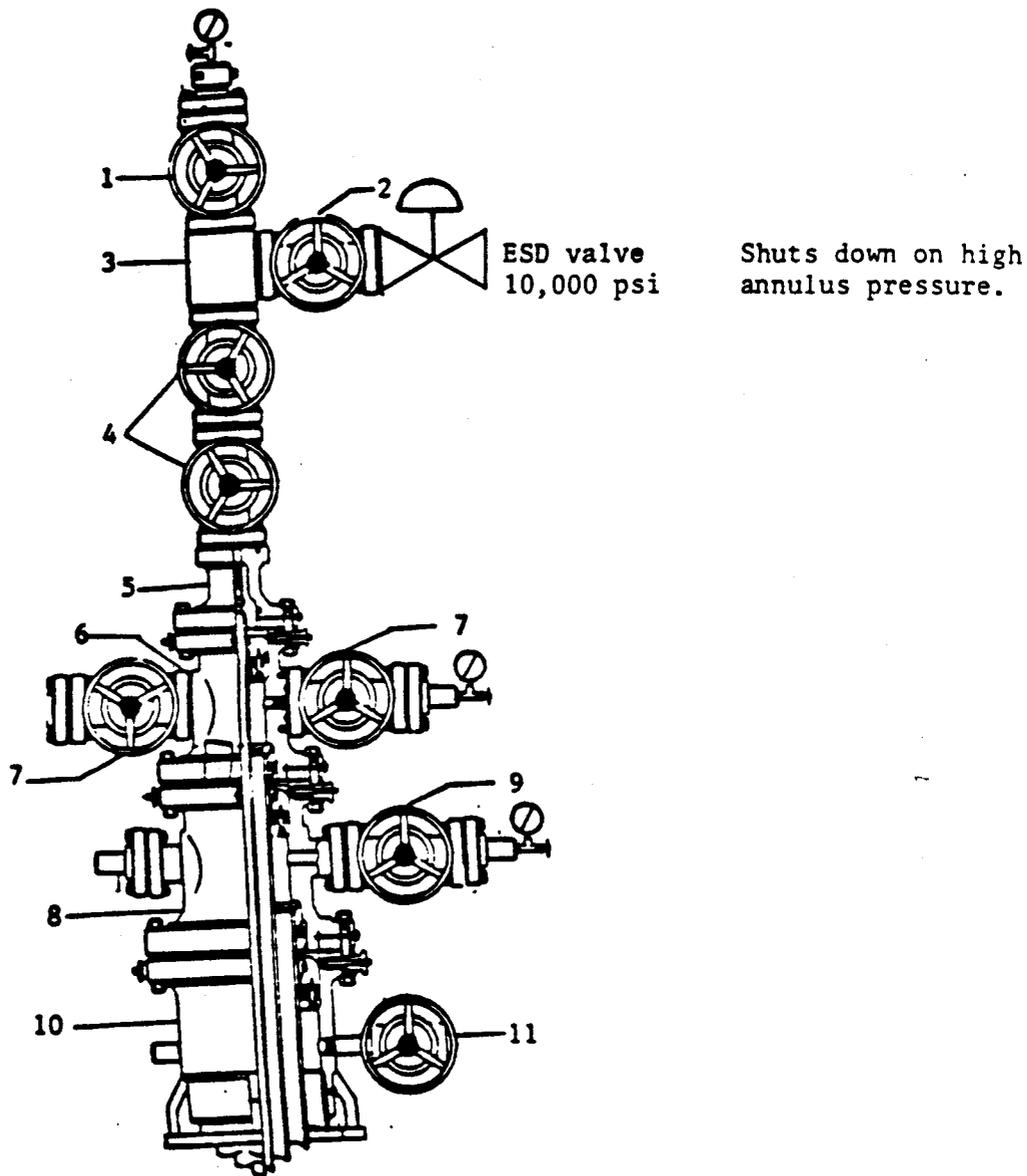
1. ESD valve on injection flowline - shuts down on a high casing-tubing annulus pressure (3000 psig)

Contingency Plan

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



ARE Missing Station
Scale - 1/4" = 1'
01 1000 1952



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

FIGURE 23. Typical Wellhead for Injection Wells

Formation Testing Programs

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

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

MECHANICAL INTEGRITY TEST

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

PRESSURE TESTING

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

ARE W31-08 - Geologic Data

Twin Creek:

lithology - limestone
thickness - 1,461'
top - 10,439'

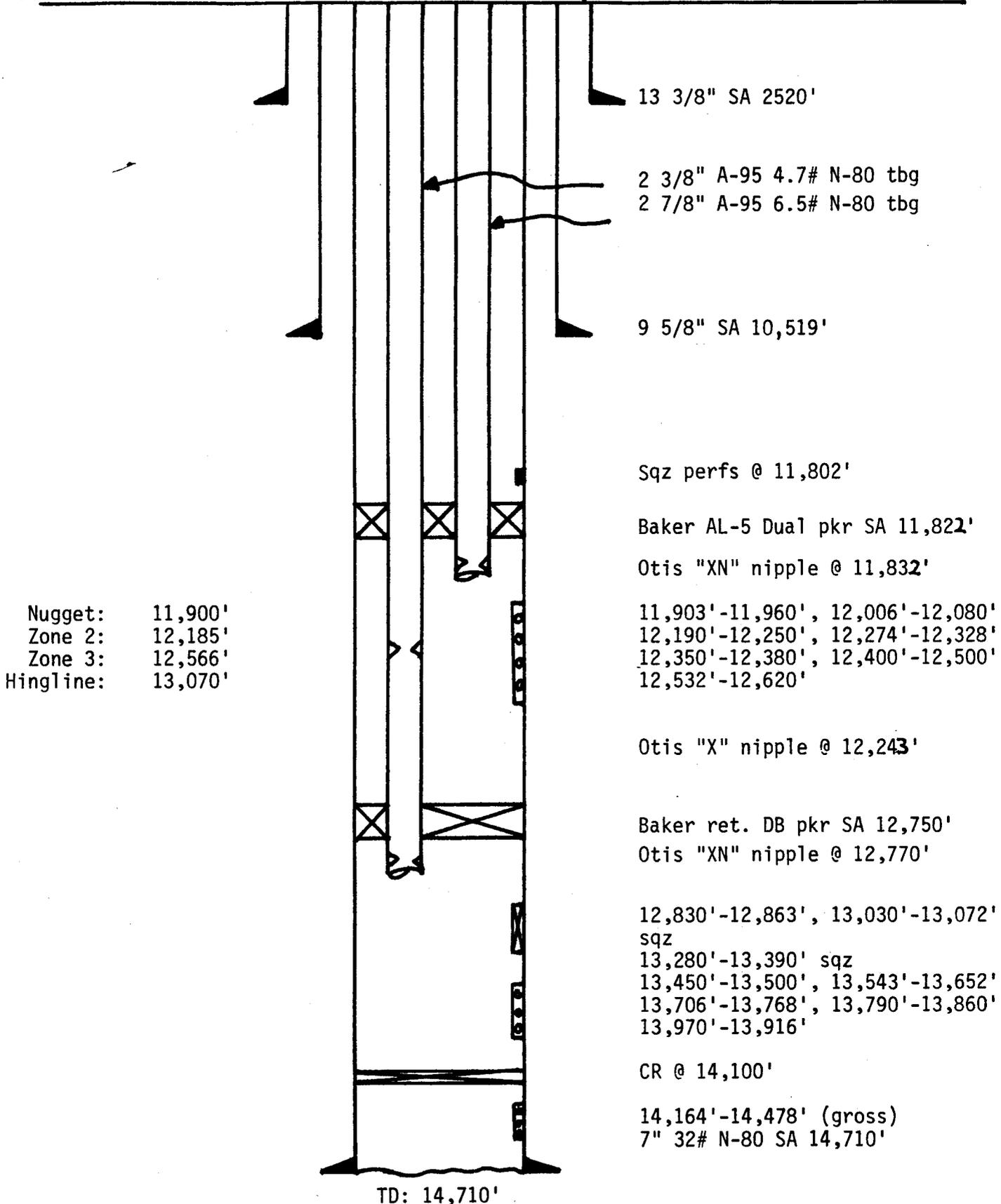
Nugget:

lithology - sandstone
thickness - 2,810'
top - 11,900'

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM

ARE W31-08

468' FNL 2201' FEL Sec 31 - T4N - R8E Summit County, Utah 7714'KB 7695'GL



Nugget: 11,900'
 Zone 2: 12,185'
 Zone 3: 12,566'
 Hingline: 13,070'

TD: 14,710'

Cement Bond Log Evaluation of ARE W31-08

Fair to good cement bond from TD through the Twin Creek.
See attached cement bond log.



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

December 23, 1985

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-072

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 3rd day of January, 1986. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



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

December 23, 1985

Park City Record
Legal Advertizing
PO Box 3688
Park City, Utah 84060

Gentlemen:

RE: UIC-072

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Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-072

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE #W31-08 WELL, LOCATED IN SECTION 31, TOWNSHIP 4 NORTH, RANGE 8 EAST, SUMMIT COUNTY, UTAH, U.S.M., AS A CLASS II ENHANCED RECOVERY GAS INJECTION WELL.

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

Notice is hereby given that Amoco Production Company, USA, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of the ARE #W31-08 well, located 468' FNL and 220' FEL (NWNE) of Section 31, Township 4 North, Range 8 East, Summit County, Utah, as a Class II enhanced recovery gas injection well.

The proposed operating data for the well is as follows:

Injection Interval
Nugget Formation 11,900-12,620
Maximum Estimated Surface Pressure: 6100 psig
Maximum Estimated Gas Injection Rate: 50 MMSCFD

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

DATED this 18th day of December, 1985.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
Marjorie L. Anderson
Administrative Assistant

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

That the legal notice of which a copy is attached hereto

.....Cause No., UIC-072, - Application of AMOCO.....

.....Production Co.....

.....was published in said newspaper on.....

December 30, 1985

Cheryl Gierloff
Legal Advertising Clerk

Subsc 2-10 before me this 6th day of

..... January A.D. 19⁸⁶.....

.....
Notary Public

My Commission Expires

..... March 1, 1988



Affidavit of Publication

STATE OF UTAH,

SS.

County of Salt Lake

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-072

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE #W31-08 WELL, LOCATED IN SECTION 31, TOWNSHIP 4 NORTH, RANGE 8 EAST, SUMMIT COUNTY, UTAH, U.S.M., AS A CLASS II ENHANCED RECOVERY GAS INJECTION WELL

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

Notice is hereby given that Amoco Production Company, USA, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of the ARE #W31-08 well, located at 468' FNL and 2201' FEL (NWNE) of Section 31, Township 4 North, Range 8 East, Summit County, Utah as a Class II enhanced recovery gas injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 1,900-12,620
 Maximum Estimated Surface Pressure: 4100 psig
 Maximum Estimated Gas Injection Rate: 50 MMSCFD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-3203.
 DATED this 18th day of December, 1985.

STATE OF UTAH
 DIVISION OF OIL,
 GAS AND MINING
 Marjorie L. Anderson
 Administrative Assistant

Z-10

Cheryl Gierloff

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

That the legal notice of which a copy is attached hereto

Cause No. UIC-072 - Application of AMOCO

Production Co.

was published in said newspaper on

December 30, 1985

Cheryl Gierloff
 Legal Advertising Clerk

Subscribed and sworn to before me this 6th day of

January A.D. 1986

Notary Public

My Commission Expires

March 1, 1988



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

January 22, 1986

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

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-072

Administrative approval is hereby granted to convert the following listed well to a Class II enhanced recovery gas injection well:

Anschutz Ranch East Unit #W31-08
Section 31, Township 4 North, Range 8 East,
Summit County, Utah U.S.M.

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

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

Best regards,

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

Dianne R. Nielson
Director

mfp
7627U

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

---00000---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-072
OF AMOCO PRODUCTION COMPANY, USA, :
FOR ADMINISTRATIVE APPROVAL OF :
THE ARE #W31-08 WELL, LOCATED :
IN SECTION 31, TOWNSHIP 4 :
NORTH, RANGE 8 EAST, SUMMIT :
COUNTY, UTAH, U.S.M., AS A :
CLASS II ENHANCED RECOVERY GAS :
INJECTION WELL :

---00000---

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

Notice is hereby given that Amoco Production Company, USA, P.O.
Box 829, Evanston, Wyoming 82930, has requested administrative
approval of the ARE #W31-08 well, located 468' FNL and 2201' FEL
(NWNE) of Section 31, Township 4 North, Range 8 East, Summit County,
Utah as a Class II enhanced recovery gas injection well.

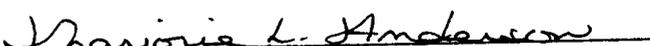
The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 11,900 to 12,620
Maximum Estimated Surface Pressure: 6100 psig
Maximum Estimated Gas Injection Rate: 50 MMSCFD

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

DATED this 18th day of December, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

UIC-072

Publication was sent to the following:

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

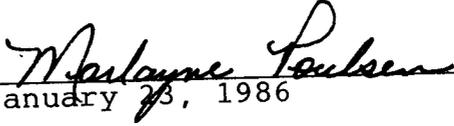
U.S. Environmental Protection Agency
Suite 1300
ATTN: Mike Strieby
999 18th Street
Denver Colorado 80202-2413

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

Amoco Production Company, USA
PO Box 829
Evanston, Wyoming 82930

Park City Record
Legal Advertizing
PO Box 3688
Park City, Utah 84060

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111


January 23, 1986



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

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

DIVISION OF
OIL, GAS & MINING

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

Attn: Claudia Jones

Dear Claudia:

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

Production wells

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

Production wells (cont.)

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

Injection wells

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

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

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

Thank you,



R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

	5. Lease Designation and Serial Number: FEE
	6. If Indian, Allottee or Tribe Name:
	7. Unit Agreement Name: Anschutz Ranch East
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	8. Well Name and Number: ARE W31-08
2. Name of Operator: Amoco Production Company	9. API Well Number: 43-043-30164
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201 (303) 830-5399	10. Field and Pool, or Wildcat: ARE-Nugget
4. Location of Well Footages: 468' FNL x 2201' FEL QQ, Sec., T., R., M.: Sec 31 T4N-R8E	County: Summit State: Utah

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

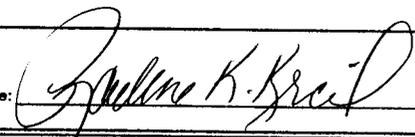
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input checked="" type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input checked="" 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.

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 perforated additional pay in the Nugget in the subject well from 13,280'-13,340' and 13,366'-13,386' using 4 JSPF .29". The well was returned to production on 2/19/96.

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

- 8 -

13. Name & Signature:  Raelene Krcil Title: Regulatory Analyst Date: 4/2/96

(This space for State use only)

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
AMOCO ROCMOUNT COMPANY
PO BOX 800
DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W20-08			NGSD			Fee	Anschutz Ranch	East Unit
4304330123	04540	04N 08E 20						
ANSCHUTZ RANCH EAST 29-04ST1			NGSD			"		
4304330129	04540	04N 08E 29						
ANSCHUTZ RANCH EAST E21-14			TWNCR			"		
4304330130	04540	04N 08E 21						
ANSCHUTZ RANCH EAST W21-04			NGSD			"		
4304330135	04540	04N 08E 21						
ANSCHUTZ RANCH EAST W29-02			NGSD			"		
4304330136	04540	04N 08E 29						
ANSCHUTZ RANCH EAST W16-06			NGSD			"		
4304330138	04540	04N 08E 16						
ANSCHUTZ RANCH EAST W20-16			NGSD			"		
4304330148	04540	04N 08E 20						
ANSCHUTZ RANCH EAST W30-16			NGSD			"		
4304330156	04540	04N 08E 30						
ANSCHUTZ RANCH EAST W36-16			NGSD			"		
4304330157	04540	04N 07E 36						
ANSCHUTZ RANCH EAST W20-06			NGSD			"		
4304330159	04540	04N 08E 20						
ANSCHUTZ RANCH EAST W32-04			NGSD			"		
4304330162	04540	04N 08E 32						
ANSCHUTZ RANCH EAST W31-08			NGSD			"		
4304330164	04540	04N 08E 31						
ANSCHUTZ RANCH EAST W31-04			NGSD			"		
4304330165	04540	04N 08E 31						
TOTALS								

COMMENTS: _____

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

Date: _____

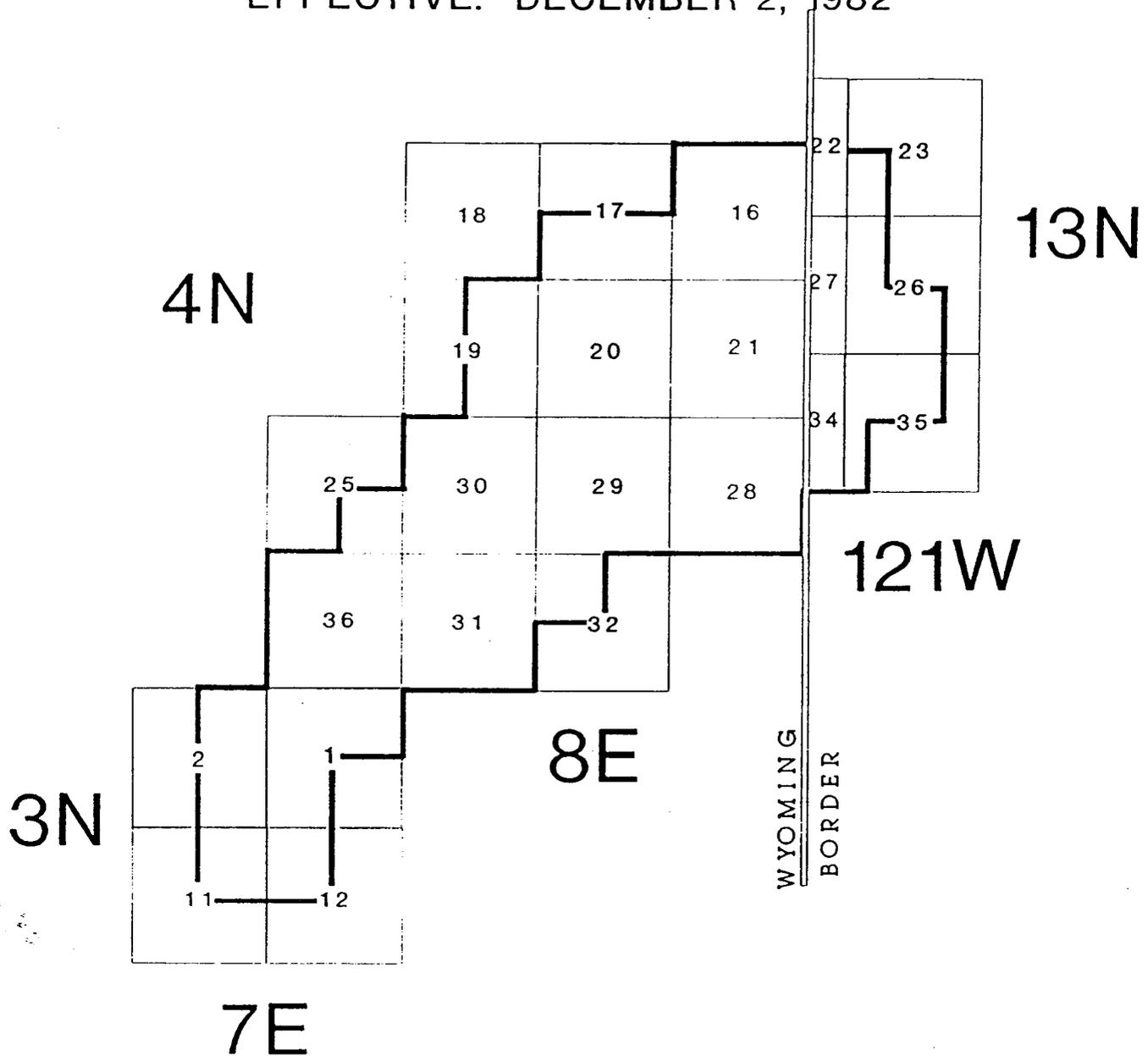
Name and Signature: _____

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.

5. Lease Designation and Serial Number:

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

7. Unit Agreement Name:
ARE W31-08

8. Well Name and Number:

9. API Well Number:

43-043-30164

10. Field and Pool, or Wildcat:

ARE-Nugget

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Amoco Production Company

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

4. Location of Well
Footages: 468' FNL, 2201' FEL

County: Summit

CO, Sec., T., R., M.: Sec 31, T4N, R8E

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

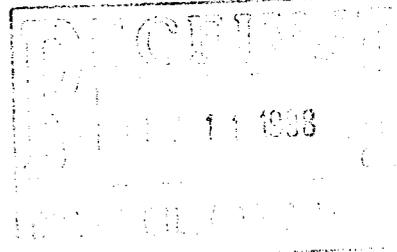
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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

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

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



Name & Signature: *G. G. Martinez*

Permit Agent

2/5/98

Title:

Date:

(Use 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

AMN: 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

<u>NAMES</u>	<u>ADDRESSES</u>
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

<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
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.

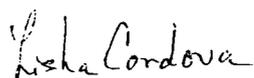
This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

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,

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

Lisha Cordova
Admin. Analyst, Oil & Gas

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

OPERATOR CHANGE WORKSHEET

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

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>43-043-30164</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

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)
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)
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: _____
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.
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)
6. **Cardex** file has been updated for each well listed above. (2-26-98)
7. Well **file labels** have been updated for each well listed above. (2-26-98)
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)
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

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

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

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

FORM 9

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

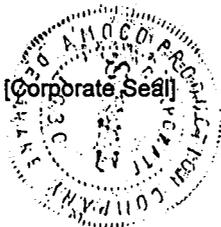
NOW, THEREFORE, BE IT,

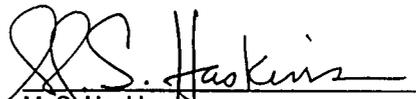
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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.

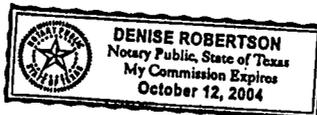
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

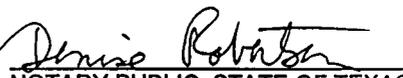



M. S. Haskins

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

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

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

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

CA No.

Unit: ANSCHUTZ RANCH EAST

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W20-08	43-043-30123	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-02	43-043-30218	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-06	43-043-30273	4540	30-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-15	43-043-30216	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-08	43-043-30164	4540	31-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W31-04E	43-043-30165	4540	31-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W31-05	43-043-30280	4540	31-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W31-06	43-043-30217	4540	31-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W31-12	43-043-30190	4540	31-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W32-04	43-043-30162	4540	32-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

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

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

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

5. If **NO**, the operator was contacted 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		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: BP America Production Company		8. WELL NAME and NUMBER: <u>See Attached</u>
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv CITY Houston STATE TX ZIP 77079		9. API NUMBER: <u>Attached</u>
PHONE NUMBER: (281) 366-2000		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: UTAH

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

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

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

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

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

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Frank N. Dign Title V.P.

Signature [Signature] Date 7/1/03

BP America Production Company
NAME (PLEASE PRINT) David G. Peterson TITLE Attorney-In-Fact

SIGNATURE [Signature] DATE 6/26/03

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JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137 S		686 W	
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036 N		1100 W	
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202 N		1592 E	
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627 N		435 W	
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365 S		200 W	
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063 N		401 W	
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662 N		2460 E	
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314 N		618 E	
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324 S		1722 E	
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860 N		536 W	
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518 S		1283 W	
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257 S		1640 E	
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204 S		22 W	
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345 S		968 E	
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890 S		447 E	
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291 N		936 W	
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642 N		791 W	
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468 N		2201 E	
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111 N		737 W	
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641 N		1183 E	
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837 N		1286 W	
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170 S		680 E	
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765 S		1444 E	
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109 N		665 E	
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195 S		1405 W	
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENW	1777 N		1666 W	
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778 N		640 W	
43-043-30204-00-00	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	NEBW	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	NESE	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	1819 W



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

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

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 26, 2003

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

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

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

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

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

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

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

7/1/2003

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

CA No.

Unit:

ANSCHUTZ RANCH EAST

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:



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 3016A
ARE W31-08
4N 8E 31

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

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: Merit Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Road, Suite 500 CITY Dallas STATE TX ZIP 75240		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 468' FNL & 2201' FEL 6th P.M. COUNTY: Summit QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 31 T4N R8E STATE: UTAH		8. WELL NAME and NUMBER: ARE W31-08
PHONE NUMBER: (972) 628-1658		9. API NUMBER: 4304330164
		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East

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

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

COPY SENT TO OPERATOR

Date: 6.4.2009
Initials: KS

NAME (PLEASE PRINT) <u>Michal Karam White</u>	TITLE <u>Regulatory Anlyast</u>
SIGNATURE	DATE <u>5/8/2009</u>

REQUEST DENIED
Utah Division of
Oil, Gas and Mining
Date: 6/3/09
By:

RECEIVED
MAY 11 2009

(5/2000) * Mit required for extended SI/TA consideration. Sundry for Twin Creek recompletion may be submitted seperately for approval. (See Instructions on Reverse Side) DIV. OF OIL, GAS & MINING

ARE W31-08
Sec. 31-T4N-R8E
Summit County, Utah
API #43-043-30164
4/23/2009

Recomplete to Twin Creek

Well Data

Tubing: 3-1/2", 12.7#, N-80 VAM
2-7/8", 6.5#, N-80 EUE @ 12,650'
Casing: 7", 32#, P-110 & N-80 @ 14,710'
TD: 14,710'
PBTD: 12,735'
Elevation: 7,715' KB 7,696' GL

Squeezed Perforations:

11,802' – 11,804', 11,903' – 11,960', 12,006' – 12,080', 12,274' – 12,328'

Open Perforations:

Nugget 12,190' – 12,250', 12,350' – 12,380', 12,400' – 12,500', 12,532' – 12,620'

Squeezed Perforations:

Nugget 12,830' – 12,856', 12,896' – 12,998', 13,030' – 13,072', 13,280' – 13,390'
13,450' – 13,500', 13,543' – 13,652', 13,706' – 13,768', 13,790' – 13,866'
13,903' – 13,970'

Procedure

1. MIRU PU. ND WH. NU BOP. TOH lying down.
2. PU 5.969" drift mill and 2-7/8" work string. TIH and clean well out to PBTD.
3. RU WL. PU CIBP. RIH and set CIBP at 11,900'. Dump 2 sacks of cement on top of CIBP. POH.
4. PU casing guns. RIH and perforate well from 11,444' – 11,446', 11,452' – 11,456', 11,836' – 11,838' and from 11,844' – 11,860' with 6 spf, correlating to Dual Induction log dated 1/5/1982. POH. RD WL.
5. PU 7", 32# casing, retrievable packer. TIH and set packer at 11,420'.
6. RU Stimulation Company. Acidize well per recommendations. RD Stimulation Company.
7. Attempt to flow well back, swabbing if necessary to put well online.
8. RU WL. RIH with pressure and temperature gauges for pressure build up test per Altec's recommendations. POH. RD WL. Evaluate gas lift potential.
9. 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.

10. PU and TIH with 3-1/2" reverse gas lift system set according to design (do not run until wellhead and surface work are done).
11. ND BOP. NU WH. Kick the well off 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. On 8/28/2008, Merit rigged up on the subject well in attempt to reactivate the well in the Nugget formation, but was unsuccessful in doing so. The initial plans for the workover were to clean out the well, acidize, and run in with a reverse gas lift setup, however, due to the limited potential shown from Altec's pressure and temperature analysis the decision was made to attempt to open up and test the lower zone which had been isolated below with a packer and plug in the tailpipe since 1996. After knocking out the lower packer and pushing the packer to bottom, a RBP and packer were run to test several squeeze zones in the wellbore. A severe leak was found above the upper set of perforations which correlated with temperature responses seen on Altec's temperature survey run prior to the workover indicating potential communication probably leading to the poor results found in Altec's analysis. After running a cement bond log and caliper log, the leak was squeezed off, but took two cement squeeze jobs to successfully squeeze the leak off. After drilling out the cement and bridge plug, it was discovered that the cement communicated behind pipe and squeezed off our hole across the perforation zones. While attempting to keep water off the formation, we attempted to drill out the cement with a bit and bailer, but got stuck requiring significant time and costs fishing. The remainder of the upper zone was drilled out while circulating fluid. Due to the uncertainty of where the end of cement was located and the very likely possibility that the entire casing string was filled with cement, the decision was made to stop drilling out at the bottom of the upper zone which was the initial focus of the workover. The upper zone was selectively reperforated and a reverse gas lift set up and a cap-string were installed in the well, but Merit was unsuccessful in reactivating the well.

During the workover performed in 2008, the casing in the subject well was pressure tested to 1000 psi and tested good in October 2008 following a cement squeeze job performed on the well. Therefore, there is no reason for concern in regards to casing integrity at this time.

WELL NAME: ARE W31-08

COUNTY:	SUMMIT	ST:	UT	FIELD:	Anschutz	TD:	14,710
QTR QTR:		SEC:	31	API #:	43-043-30164	PBTD:	12,735
UPDATED:	04/22/09	TWN:	4N	SPUD DATE:	09/05/81	KB:	7,715
UPDATED BY:	NICK TUNNELL	RNG:	8E	MAX TEMP:	208 °F	GL:	7,696

CASING DETAILS

PURPOSE	TOC	CMT	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	SURF	3300 SX	13-3/8"	54.5#		2,520'
INTERMEDIATE		1450 SX	9-5/8"	40#		10,519'
PRODUCTION		600 SX	7"	32#	N-80 & P-110	14,710'

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
LANDING JT	3-1/2"	12.7#	N-80 VAM	
261 JTS	3-1/2"	12.7#	N-80 VAM	
X-OVER	3-1/2" X 2-7/8"			
2 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #8				
25 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #7				
21 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #6				
19 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #5				
18 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #4				
18 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #3				
19 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #2				
14 JTS	2-7/8"	6.5#	N-80 EUE	
GLV #1				
10 JTS	2-7/8"	6.5#	N-80 EUE	
X NIPPLE				
TUBING PUP	2-7/8"	6.5#	N-80 EUE	
MILLSHOE GUIDE				12,650.17

Based on pull-run dated 11/7/2008

PERFORATIONS

DATE	TOP	BOTTOM	GROSS	HOLES	SPF
	11,802'	11,804'	2'		SQUEEZED
	11,903'	11,960'	57'		SQUEEZED
	12,006'	12,080'	74'		SQUEEZED
11/4/2008	12,190'	12,250'	60'	240	4
	12,274'	12,328'	54'		SQUEEZED
11/4/2008	12,350'	12,380'	30'	120	4
11/4/2008	12,400'	12,500'	100'	400	4
11/4/2008	12,532'	12,620'	88'	352	4
	12,830'	12,856'	26'		SQUEEZED
	12,896'	12,998'	102'		SQUEEZED
	13,030'	13,072'	42'		SQUEEZED
	13,280'	13,390'	110'		SQUEEZED
	13,450'	13,500'	50'		SQUEEZED
	13,543'	13,652'	109'		SQUEEZED
	13,706'	13,768'	62'		SQUEEZED
	13,790'	13,866'	76'		SQUEEZED
	13,903'	13,970'	67'		SQUEEZED
	14,164'	14,180'	16'		SQUEEZED
	14,240'	14,252'	12'		SQUEEZED
	14,300'	14,315'	15'		SQUEEZED
	14,360'	14,380'	20'		SQUEEZED
	14,452'	14,478'	26'		SQUEEZED

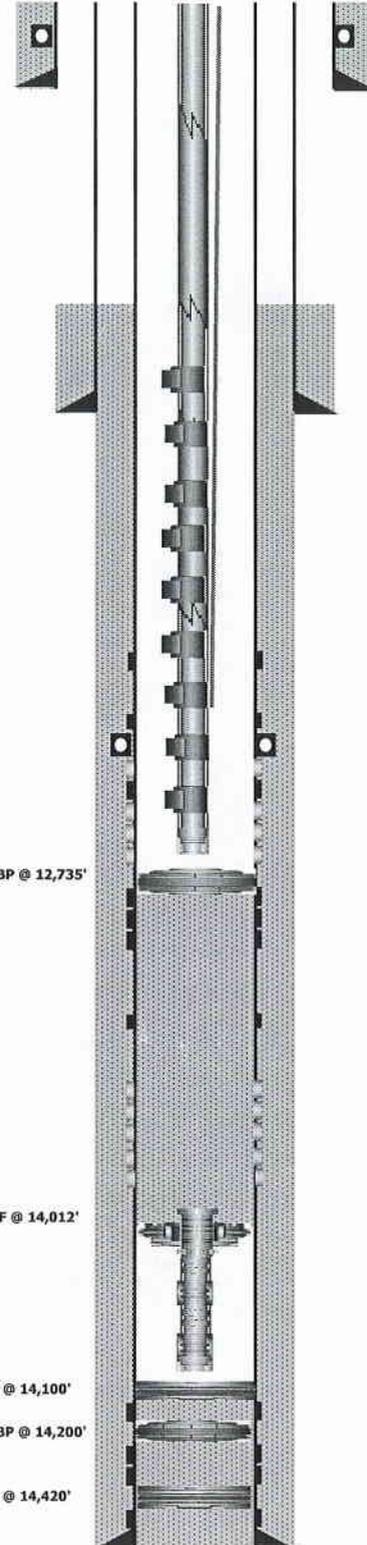
FORMATION TOPS

WATTON CANYON	11066'
B	11118'
C	11222'
D	11277'
BOUND RIDGE	11389'
RICH	11430'
SLIDE ROCK	11700'
NUGGET	11904'

NOTES: ATTEMPTED TO SQUEEZE OFF LEAK IN CASING, CEMENT COMMUNICATED BEHIND PIPE AND FILLED CASING BELOW WITH CEMENT. REPERFORATED UPPER INTERVAL. MAKING VERY LITTLE FLUID IF ANY AND NO GAS.



MERIT ENERGY COMPANY





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

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

43 043 30164
ARE W31-08
AN 8E 31

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
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
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



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

Year	Integrity	Completion	Notes
2009	NP	✓	CHAMPLIN 387 B1A – Plan to P&A well in March 2009 due to availability of rig. <i>Bridge broken, missing valves</i>
2005	OK	✓	ARE W16-12 – Plan to run slickline to verify PBTD, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion.
	?	✓	ARE W16-14 – Plan to run slickline to verify PBTD, 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.
1/09	✓	✓	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. <i>ties pot @ 8000' to 8200'</i>
		✓	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.
2002		✓	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. <i>ties pot @ 1095' to 1109'</i>
	✓		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. <i>2 strings</i>
2005	OK		ARE W28-06 – Collapsed casing at 12,678', will attempt a Twin Creek completion. <i>coil pipe @ 12678' 2 strings</i>

UTAH DOGM – SI WELL LIST

Wells to be Reactivated in 2009

- | | | Tbg | D19 |
|---|--|-----------------------------|------------------------|
| • | ARE W16-12 | | |
| ○ | Packer at | 10,304 | |
| ○ | Top of cement (TOC) at | 10,100 (9-5/8" casing) | insp 2007 0 0 |
| ○ | Tubing Pressure | 50# | 2006 0 0 |
| ○ | Casing Pressure | 0# | 2005 0 130 |
| ○ | 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. | | 2004 100 0
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.

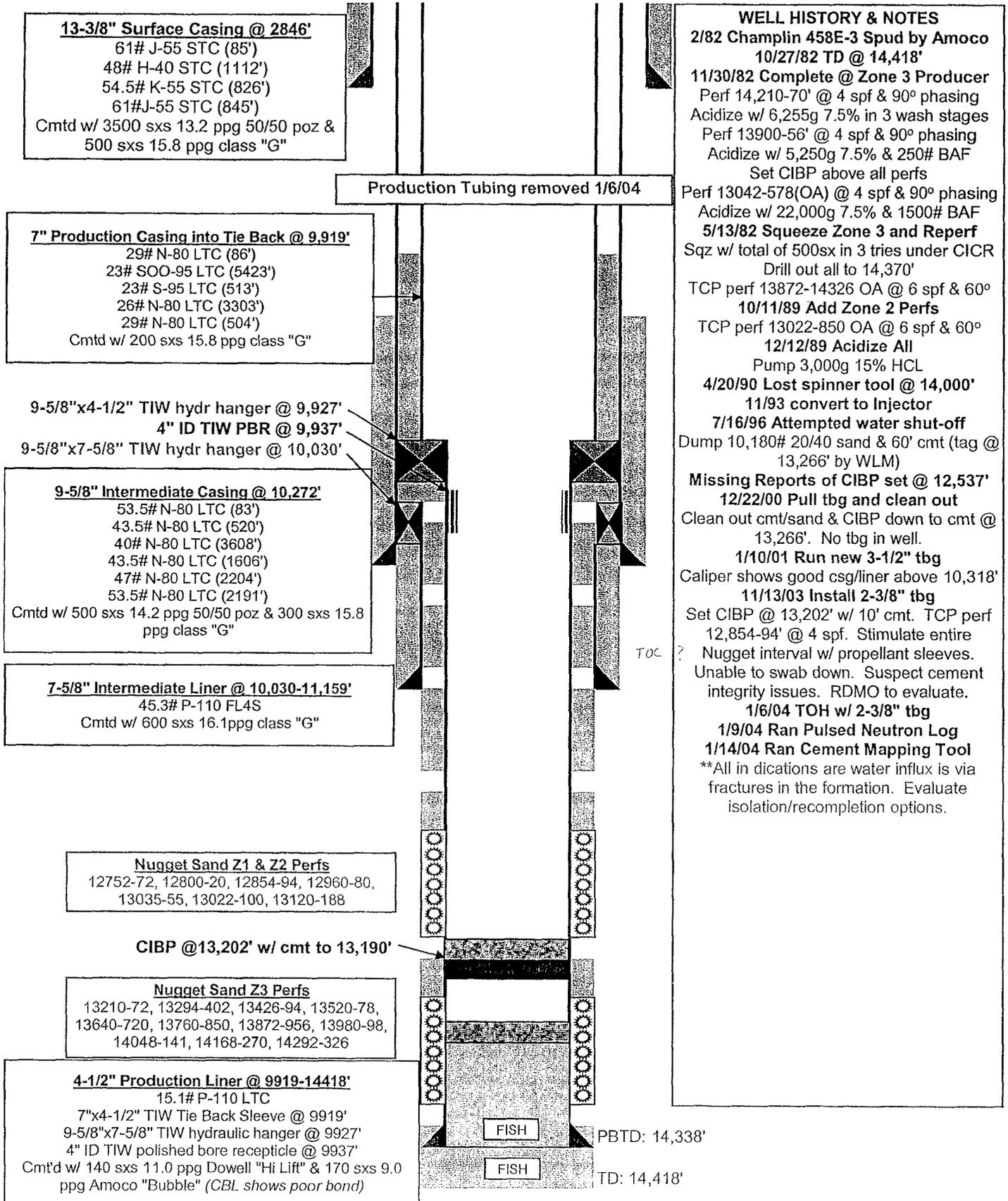
ARE W31-08

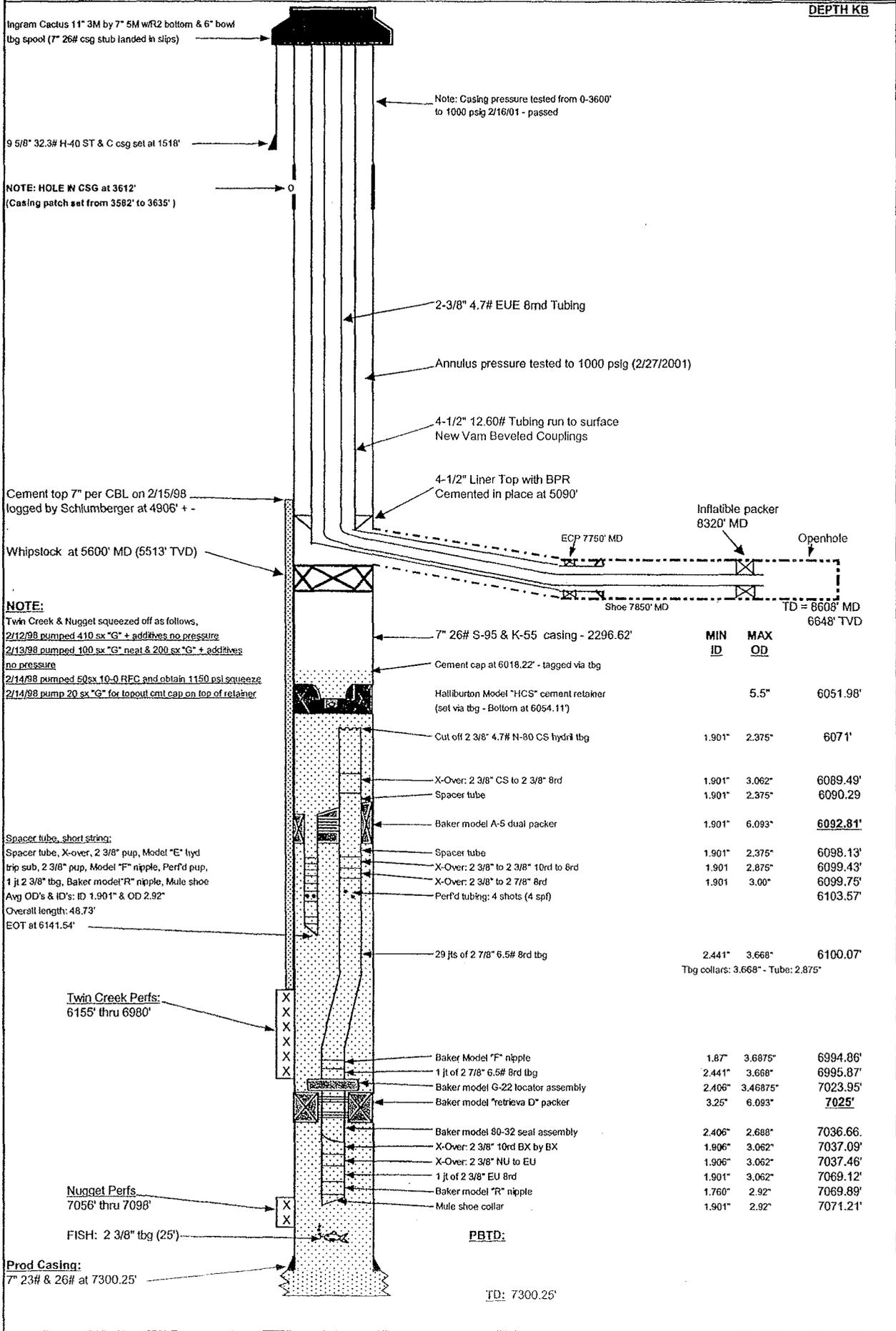
2007	1220	NA
2005	0	0
2004	NA	0
2003	180	0

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







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 Pozz"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

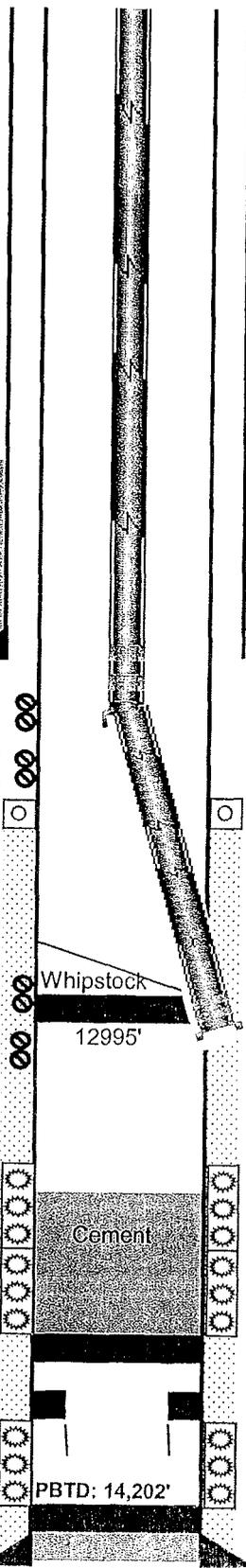
Squeeze 10340'-342
Holes 10550'-552
11052'-054 SQZD
11708'-710' SQZD

Top of poor cement at 11900'

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

Nugget Sand Z1/Z2 Perfs
12998-13000(SQZD w/200 sxs), 13055-13096, 13111-128,
13138-187, 13200-232, 13257-261(SQZD w/50 sxs)
13290-13356, 13376-13450

Nugget Sand Z2/Z3 Perfs
13588-13630, 13660-13760, 13790-13850, 13874-13932,
14030-14070, 14100-14140



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.

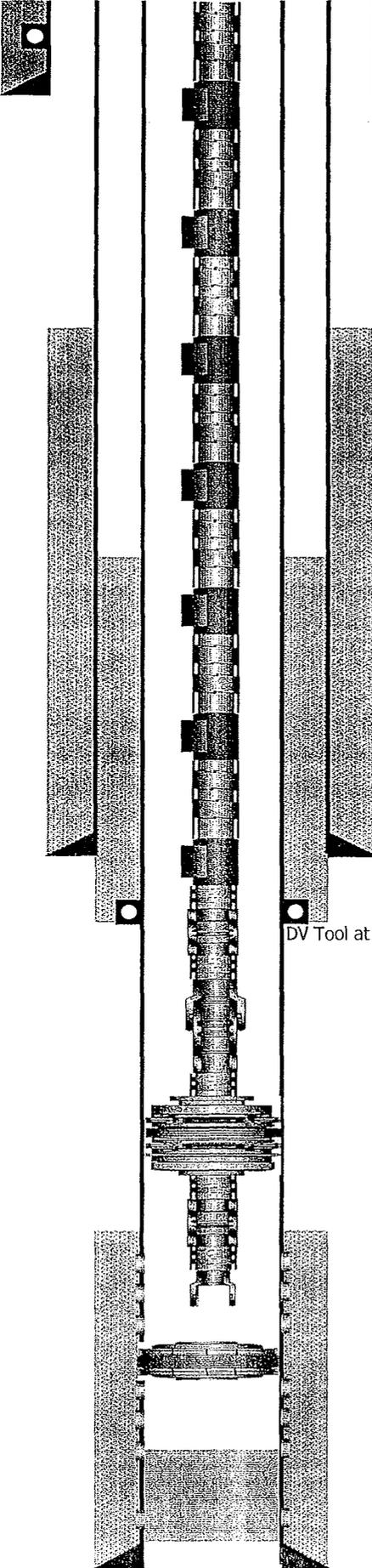
7" DV tool @ 11836'

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

TD @ 14,303' TVD
South Lateral TD: 14,023' MD
North Lateral TD: 14,478' MD



WELL NAME:	ARE W20-02	FIELD:	ANSCHUTZ RANCH EAST
QTR QTR:	SEC: 20	TWN:	4N RNG: 8E
COUNTY:	SUMMIT	ST:	UT SPUD DATE: 05/01/83
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

DV Tool at 12203'

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	PBTD:	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
1-1/4" CT	942.0	9,942.00
GLV #7	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	792.0	10,742.00
GLV #6	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	592.0	11,342.00
GLV #5	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	542.0	11,892.00
GLV #4	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	392.0	12,292.00
GLV #3	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	392.0	12,692.00
GLV #2	SJ 40 1" GLV w/ 3/16" PORT	8.0
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/d
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 PBTD 14060'

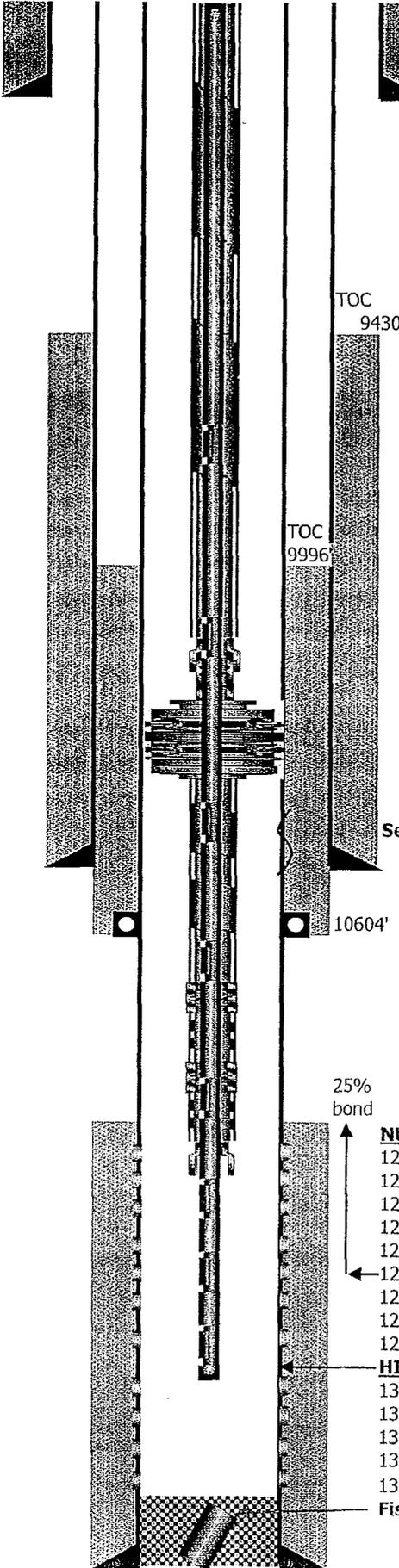
NUGGET PERFS

- 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

CPF 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
 FTP - ?
 FCP - ?
 SITP - ?
 SICP - ?
 SIBHP - ?

Comments: Schlumberger coiled tubing gas lift setup
 No Merit Reports in PA

Pipe Data

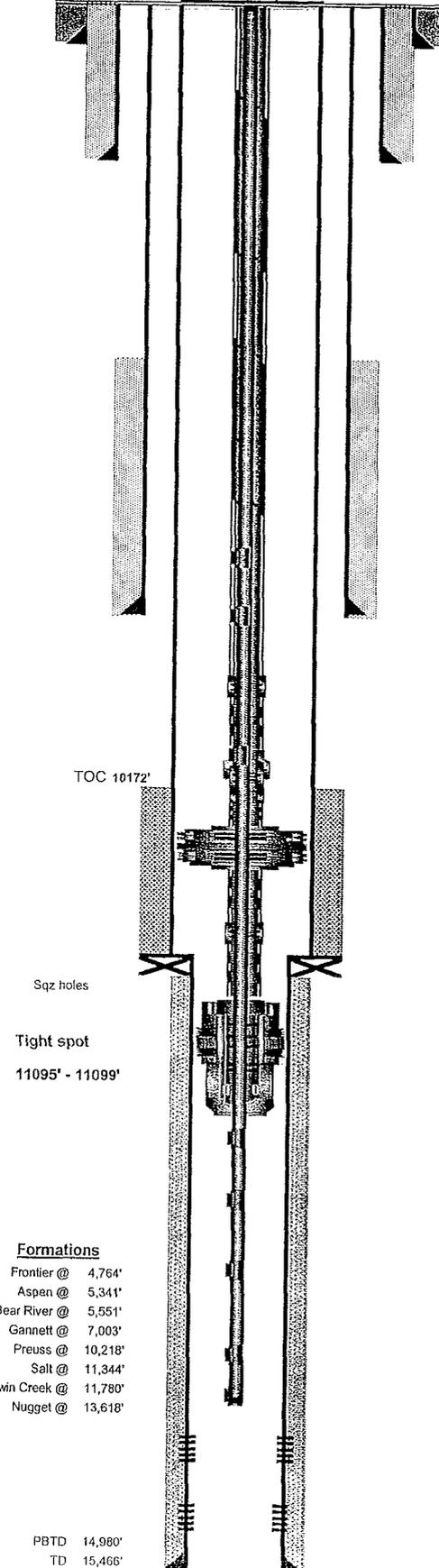
Conductor						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	0'	0	Unk	Unk	Unk	
Surface						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	2,888'	13-3/8"	54.5&61#	K-55		
Intermediate 1						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	6,833'	9-5/8"	47.0#	HC-95	Unk	DV@ 5662
Intermediate 2 and Production Liner						
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'

Casing 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 Assmely		10,747.72'				
COILED TUBING DETAILS						
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 204 Net 198		PHIA PHIH		Holes	Comments
	Top	Bottom	Gross	Holes		
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
9/29/1987	14,580'	14,600'	20'	80		All 4 SPF
TOTAL	13,400'	14,600'	331'	2620		

Current Completion



- Formations**
- Frontier @ 4,764'
 - Aspen @ 5,341'
 - Bear River @ 5,551'
 - Gannett @ 7,003'
 - Preuss @ 10,218'
 - Salt @ 11,344'
 - Twin Creek @ 11,780'
 - Nugget @ 13,618'

PBTD 14,980'
 TD 15,466'

MERIT ENERGY COMPANY

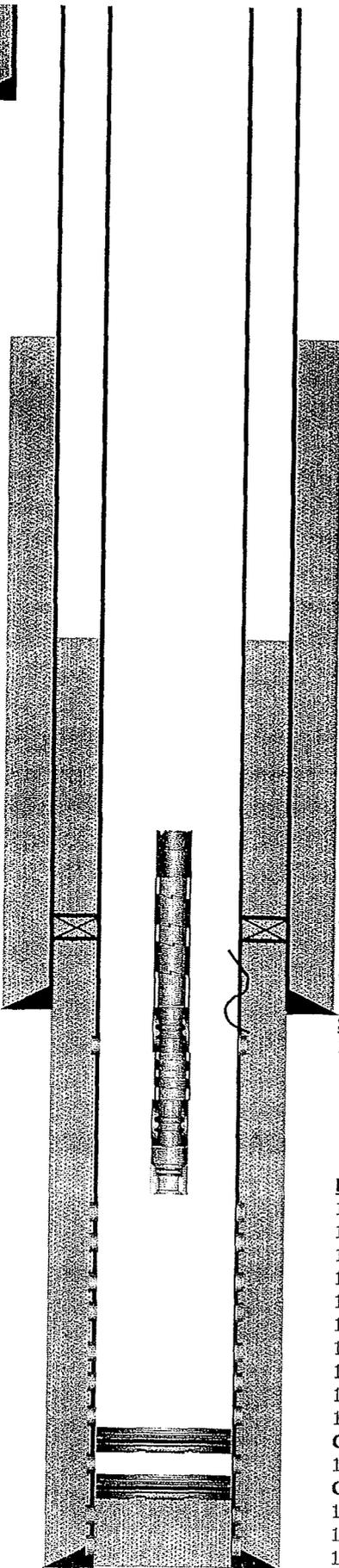
WELL NAME: ARE E28-06		FIELD: ANSCHUTZ RANCH EAST		
QTR QTR:	SEC: 28	TWN: 4N	RNG: 8E	
COUNTY: SUMMIT	ST: UT	SPUD DATE:		
KB: 7513	GL: 7487	TD: 15170	PBTD:	
LAST UPDATED: 09/13/05	BY: MIKE MERCER			

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'

SOZ 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

July 6, 2010

CERTIFIED MAIL NO. 7004 1160 0003 0190 4574

43 043 30164
ARE W31-08
4N 8E 31

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

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

Dear Ms. White:

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

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

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



Page 2
Ms. White
July 6, 2010

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

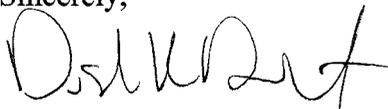
1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence/or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

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/js
Attachment
cc: Well File
Operator Compliance File

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

ATTACHMENT A

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

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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: ARE W31-08	
2. NAME OF OPERATOR: Merit Energy Company	9. API NUMBER: 4304330164	
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: 468' FNL & 2201' FEL 6th P.M.		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE · 31 T4N R8E		STATE: UTAH

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

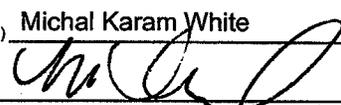
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>11/15/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

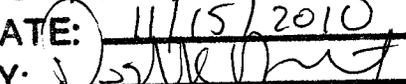
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company proposes to temporarily abandon the Nugget formation in the aforementioned well and recomplete it to the Twin Creek formation.

Please see the attached procedure.

COPY SENT TO OPERATOR
Date: 11.18.2010
Initials: KS

NAME (PLEASE PRINT) <u>Michal Karam White</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE 	DATE <u>11/11/2010</u>

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/15/2010
BY: 

RECEIVED
NOV 15 2010

(5/2000) * Permanent Plug back of Nugget formation will require a 100' (205x) minimum cement plug above uppermost Nugget part as required by DIV. OF OIL, GAS & MINING (See Instructions on Reverse Side) 2010-3-24-3.2.

ARE W31-08
Sec. 31-T4N-R8E
Summit County, Utah
API #43-043-30164
11/3/10

Recomplete to Twin Creek

Well Data

Tubing: 3-1/2", 12.7#, N-80 VAM
2-7/8", 6.5#, N-80 EUE @ 12,650'
Casing: 7", 32#, P-110 & N-80 @ 14,710'
TD: 14,710'
PBTD: 12,735'
Elevation: 7,715' KB 7,696' GL

Squeezed Perforations:

11,802' – 11,804', 11,903' – 11,960', 12,006' – 12,080', 12,274' – 12,328'

Open Perforations:

Nugget 12,190' – 12,250', 12,350' – 12,380', 12,400' – 12,500', 12,532' – 12,620'

Squeezed Perforations:

Nugget 12,830' – 12,856', 12,896' – 12,998', 13,030' – 13,072', 13,280' – 13,390'
13,450' – 13,500', 13,543' – 13,652', 13,706' – 13,768', 13,790' – 13,866'
13,903' – 13,970'

Procedure

1. MIRU PU. ND WH. NU BOP. POOH w/ tbg and gas lift equipment.
2. RIH w/ bit and scraper. TIH and clean well out to 12,000'.
3. RU WL. PU CIBP. RIH and set CIBP at 12,000'. Dump bail 2 sacks of cement on top of CIBP. POH.
4. Pressure test casing to 500#.
5. PU casing guns. RIH and perforate well from 11,770' – 11,778', 11,700' – 11,750', 11,530' – 11,614', 11,378' – 11,388', 11,278' – 11,353' @ 2 spf, correlating to Dual Induction log dated 1/5/1982. POH. RD WL.
6. PU 7", 32# casing, plug and packer. TIH and set the plug @ 11,790' and the packer at 11,680'.
7. RU Stimulation Company. Acidize well per recommendations.
8. Move up hole and set the plug @ 11,640' and the pkr @ 11,250'.
9. Acidize well per recommendations.
10. Release pkr and plug and move back downhole. Set the plug @ 11,790' and the packer at 11,680' to swab evaluate.

11. Release pkr and plug and move uphole. Set the plug @ 11,640' and the pkr @ 11,250' to swab evaluate.
12. RU WL. RIH with pressure and temperature gauges for pressure build up test per Altec's recommendations. POH. RD WL. Evaluate gas lift potential and appropriate tbg size.
13. PU and TIH with reverse gas lift system set according to design (do not run until wellhead and surface work are done).
14. ND BOP. NU WH. Kick the well off with gas lift. RDMO PU.

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 Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: ARE W 31-08
2. NAME OF OPERATOR: Merit Energy Company		9. API NUMBER: 4304330164
3. ADDRESS OF OPERATOR: 13727 Noel Rd, Suite 500 CITY Dallas STATE TX ZIP 75240		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East, Twin Creek
4. LOCATION OF WELL FOOTAGES AT SURFACE: 468' FNL & 2201' FEL		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 4N 8E 6		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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Merit attempted to recomplete this shut in Nugget well to a Twin Creek producer. The attempt was not successful and resulted with junk stuck in the hole at 12745'. The well is currently shut in after the following work was performed from 1/24/2011 thru 3/1/2011:

MIRU & POOH w/3-1/2" tbg. RIH w/bit & scraper to 9550'. Had problems & POOH w/tbg. RIH w/CIBP & set @ 12,000'. Dump 2 sx cmt on top (Witnessed by Lisha Cordova w/UOG&M). Tested to 520# for 20 min. - held.. Perforated Twin Creek @ 11,770' - 11,778'; 11,730' - 11,750'; 11,700' - 11,730'; 11,584' - 11,614'; 11,554' - 11,584'; 11,530' - 11,554'; 11,378' - 11,388'; 11,338' - 11,353'; 11,308' - 11,338' & 11,278' - 11,308' w/2 sft. RIH w/RBP & pkr. Set RBP @ 11,790' & pkr @ 11,680'. Acidized btm perms w/138 bbls 15% HCL & 175 balls. Flushed w/69 bbls 2% KCL. Released pkr & plug. Pulled up hole & reset plug @ 11,640' & pkr @ 11,250'. Started acid job & pkr failed. POOH w/pkr & RIH w/redressed pkr & set @ 11,250'. Pumped 229 bbls 15% HCL w/500 balls & flushed w/74 bbls 2% KCL. Release pkr & plug. Pulled up hole & set RBP @ 11,788' & pkr @ 11,657'. Swabed back 20 bbls but had problems w/sandline. Released pkr. RIH to release RBP but couldn't latch on. POOH w/11,200' of tbg. Fished for 3 days with no success. Left plug, pkr & partial piece of tbg stuck in hole @ 11,745'. RIH w/RBP & set @ 11,640'. Swabbed on well. Pulled up hole & reset plug @ 11,450'. Swabbed well dry. POOH w/RBP & tbg. Shut well in. RDMO. Will submit P&A procedures in separate sundry.

cc: BLM - Kemmerer, Wyoming

NAME (PLEASE PRINT) <u>Arlene Valliquette</u>	TITLE <u>Regulatory Manager</u>
SIGNATURE <u><i>Arlene Valliquette</i></u>	DATE <u>3/2/2011</u>

(This space for State use only)

RECEIVED
MAR 07 2011

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
Anschutz Ranch East Unit

8. WELL NAME and NUMBER:
ARE W 31-08

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

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:
Merit Energy Company

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

PHONE NUMBER:
(972) 628-1558

9. API NUMBER:
4304330164

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East; TwinCreek

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 468' FNL & 2201' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 893' FNL & 1776' FEL
AT TOTAL DEPTH: 1840' FNL & 1275' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENE 31 4N 8E 6

12. COUNTY
Summit

13. STATE
UTAH

14. DATE SPUDDED: _____ 15. DATE T.D. REACHED: _____ 16. DATE COMPLETED:
3/1/2011 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
7696' GL; 7715' KB

18. TOTAL DEPTH: MD 14,710 TVD _____ 19. PLUG BACK T.D.: MD 11,745 TVD _____ 20. IF MULTIPLE COMPLETIONS, HOW MANY? * _____

21. DEPTH BRIDGE MD 12,000 PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17-1/2"	13-3/8	54.5#	0	2,520		3300		0	
12-1/4"	9-5/8"	40#	0	10,519		1450		8740	
8-1/2"	7"	32#	0	14,710		1800		4500	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Twin Creek	11,278	11,778			11,278 11,730		398	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					11,730 11,778		56	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Nugget					12,190 12,620		1,112	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11802 - 12080	Cement squeezed Nugget perms
12274 - 12328	Cement squeezed Nugget perms
12830 - 14478	Cement squeezed Nugget perms

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
S

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Twin Creek Nugget	10,534 11,900				

35. ADDITIONAL REMARKS (Include plugging procedure)

Open Nugget perms under CIBP set @ 12,000' w/2 sx cmt on top & Twin Creek perms @ 11730 - 11778' are under junk in hole.

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

NAME (PLEASE PRINT) Arlene Valliquette TITLE Regulatory Manager
 SIGNATURE *Arlene Valliquette* DATE 3/2/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

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 Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: ARE W 31-08	
2. NAME OF OPERATOR: Merit Energy Company	9. API NUMBER: 4304330164	
3. ADDRESS OF OPERATOR: 13727 Noel Rd, Suite 500 CITY Dallas STATE TX ZIP 75240	PHONE NUMBER: (972) 628-1558	10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East; Twin Creek
4. LOCATION OF WELL FOOTAGES AT SURFACE: 468' FNL & 2201' FEL		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 4N 8E 6		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" 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.

Merit Energy Company requests approval of the following plug and abandonment procedures for this ARE Unit well:

RIH w/CICR & set @ 11,228'. Pump 100 sx cmt below & 10 sx on top of retainer to abandon Nugget perforations.
 Mud up, then pump a 25 sx cmt stabilizer plug from 10,570' - 10,470';
 Mud up, then pump a 25 sx cmt stabilizer plug from 7,620' - 7,520';
 Mud up, then pump a 25 sx cmt stabilizer plug from 4,570' - 4,470'.
 Perf csg @ 2,520'. RIH w/CICR & set @ 2,470'. Pump 25 sx cmt below retainer & 25 sx on top.
 Spot 25 sx cmt plug from 100' to surface.
 Cut off WH & csg. Weld on ID cap. RDMOL. Clean & Reclaim location.

Current well bore diagram attached.

cc: BLM - Kemmerer, Wyoming

COPY SENT TO OPERATOR

Date: 3.15.2011
Initials: KS

NAME (PLEASE PRINT) <u>Arlene Valliquette</u>	TITLE <u>Regulatory Manager</u>
SIGNATURE <u><i>Arlene Valliquette</i></u>	DATE <u>3/2/2011</u>

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

DATE: 3/15/2011
BY: *[Signature]* (See Instructions on Reverse Side)

* See conditions of Approval (Attached)

RECEIVED
MAR 07 2011

DIV. OF OIL, GAS & MINING



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

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: ARE W31-08
API Number: 43-043-30164
Operator: Merit Energy Company
Reference Document: Original Sundry Notice dated March 2, 2011,
received by DOGM on March 7, 2011

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. **Move Plug #3:** This plug shall be moved downhole approximately 1200' and balanced from 8820 to 8720. This will isolate the top of the Preuss formation.
3. **Amend Plug #4:** This plug shall be an inside/outside plug. RIH and perforate 7" and 9 5/8" @ 4570'. RIH with CICR and set at 4520'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Close 9 5/8" casing valve and attempt to establish injection into 9 5/8" perfs. If injection into the 9 5/8" perfs cannot be established: M&P 35 sx cement, sting into CICR pump 25sx, sting out and dump 10 sx on top of CICR. If injection is established: M&P 76 sx cement, sting into CICR, open 9 5/8" casing valve, pump 24 sx, close 9 5/8" casing valve and pump 42 sx into perfs, sting out and dump 10 sx on top of CICR. This will isolate the Aspen/Bear River zones.
4. **Amend Plug #5:** This plug shall be an inside/outside plug. RIH and perforate 7" and 9 5/8" @ 2520' as indicated in proposal. RIH with CICR and set at 2470' as indicated. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Close 9 5/8" and open 13 3/8" casing valve and attempt to establish circulation into 9 5/8" x 13 3/8" annulus. M&P 81 sx cement, sting into CICR, pump 32 sx into 9 5/8" annulus, open 9 5/8" and close 13 3/8" casing valve and pump 14 sx into 7" annulus, sting out and dump 25 sx on top of CICR as proposed. This will isolate the surface shoe and Base of Moderately Saline Ground Water.
5. **Amend Plug #6:** All annuli shall be cemented from a minimum depth of 100' to the surface. Perf. 7" & 9 5/8" @ 100' and circulate cement to surface (± 66 sx).
6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
8. 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.
9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

March 15, 2011

Date



Wellbore Diagram

API Well No: 43-043-30164-00-00 Permit No: UIC-072.1 Well Name/No: ARE W31-08

Company Name: MERIT ENERGY COMPANY

Location: Sec: 31 T: 4N R: 8E Spot: NWNE

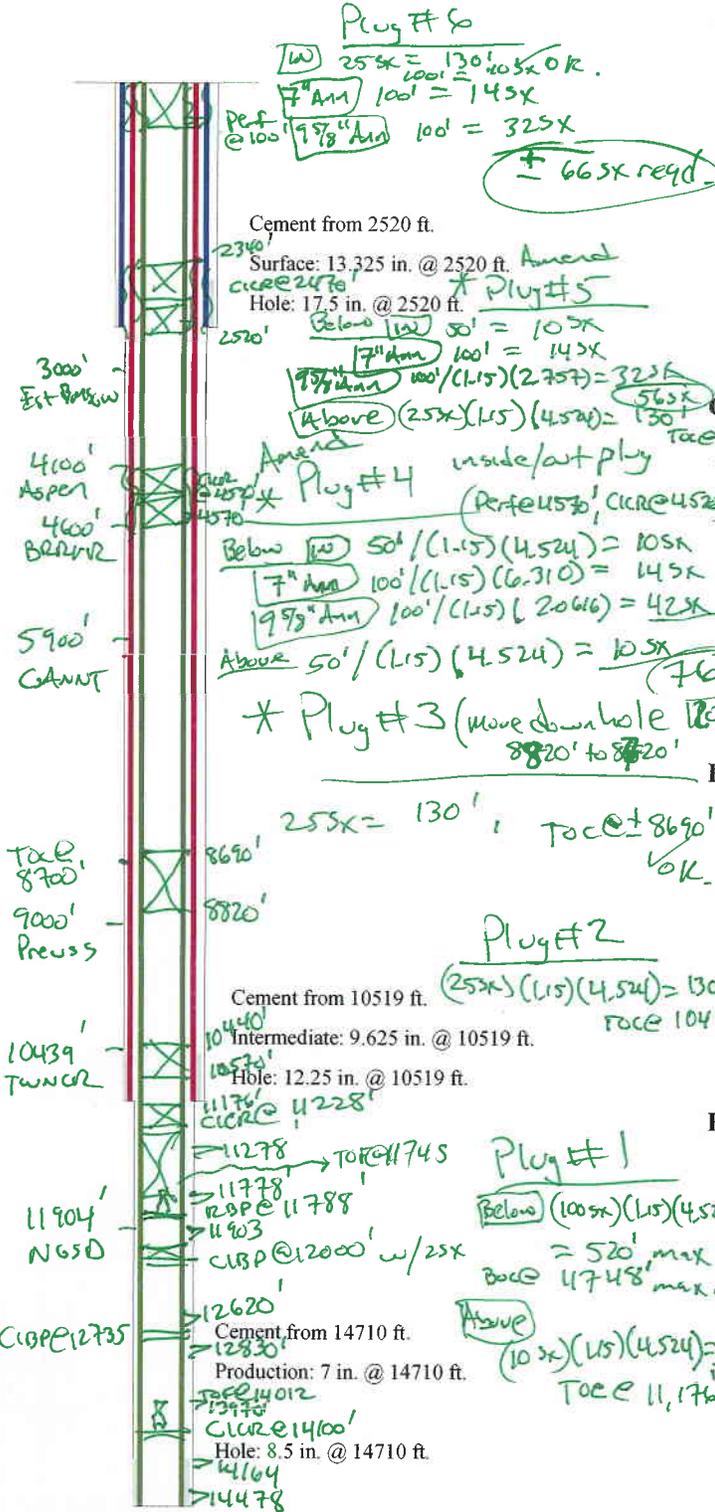
Coordinates: X: 493116 Y: 4543427

Field Name: ANSCHUTZ RANCH EAST

County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (g/cf)
HOL1	2520	17.5			
SURF	2520	13.325	54.5		
HOL2	10519	12.25			
II	10519	9.625	40		
HOL3	14710	8.5			
PROD	14710	7	23		
		8 1/2" x 7" (108)			4.524
		12 1/4" x 9 7/8" (108)			4.7719
		9 7/8" x 7"			2.0616
		13 5/8" x 9 5/8"			6.310
					2.757



Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	10519	8700' est.	UK	1450
PROD	14710	± 11000' est.	UK	600
SURF	2520	0 est.	UK	3300

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
14164	14478			
12830	13970			
11903	12620			
11278	11778			

Formation Information

Formation	Depth
BMSW	± 3000
ASPEN	± 4100
BRRVR	± 4600
GANNT	± 5900
PREUS	± 9000
TWNCR	10439
NGSD	11904

TD: 14710 TVD: PBTD:

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 W31-08		
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	9. API NUMBER: 43043301640000		
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: 0468 FNL 2201 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWN Section: 31 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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/23/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Merit Energy Company plugged this well from 11/3/2011 to 11/23/2011. Please see the attached detailed plugging report.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY			
NAME (PLEASE PRINT) Kim Mercer	PHONE NUMBER 972 628-1023	TITLE Regulatory Analyst	
SIGNATURE N/A	DATE 12/2/2011		

Merit Energy Company
 ARE W 31-08
 API # 43-043-30164

PLUG AND ABANDON

Continental Industries Field Services, LLC

11/3/2011	MIRUSU, blow down well nipple up BOP. R/U wireline truck, run guage ring and JB to 11,237'. Run in w/wireset CICR & set @ 11,237'. R/D wireline truck.
11/8/2011	Single in hole w/shifter sub on Merit work string to retainer @ 11,237'. (2 days)
11/10/2011	Load hole w/ 420 bbls fresh water.
11/11/2011	Pressure test casing to 600 psi. sting into retainer @ 11,237' for rate: 5 bpm @ 100 psi. Pump 100 sx cement below retainer, sting out, spot 15 sx cement on top. POOC, mix & pump 25 bbls mud. L/D tubing to 10,571' & spot 25 sx balanced cement plug. POOC reverse tubing clean. SIW, WOC. CEMENT DETAIL: Class G Neat with slurry weight of 15.8 ppg, 1.15 cu-ft/sk yield. Mix water was 4.96 gal/sk. Compressive strength 24 hrs/4000 psi
11/14/2011	Trip in & tag TOC @ 10,412'. Mix & pump 60 bbls mud. SDFN
11/15/2011	L/D tubing to 8830' Spot 25 sx balanced cement plug. POOC, 7 reverse tubing clean. Mix & pump 150 bbls mud. WOC to tag. CEMENT DETAIL: Class G Neat with slurry weight of 15.8 ppg, 1.15 cu-ft/sk yield. Mix water was 4.96 gal/sk. Compressive strength 24 hrs/4000 psi
11/16/2011	TIH & tag cement @ 8750' (20' too low) Rig up cementers & spot an additional 20 sx cement @ 8750'. Rack 4500' tubing in derrick, L/D remainder. CEMENT DETAIL: Class G Neat with slurry weight of 15.8 ppg, 1.15 cu-ft/sk yield. Mix water was 4.96 gal/sk. Compressive strength 24 hrs/4000 psi
11/17/2011	R/U wireline truck & perforate prod casing @ 4572'. R/D wireline run in w/CICR & set @ 4494' Open 9 5/8" & 13 3/8" annulus, establish rate below retainer @ 1200 psi. Pump 80 sx cement below, sting out spot 10 sx cement on top. POOC, mix & pump 75 bbls mud. TOOHSDFN. CEMENT DETAIL: Class G Neat with slurry weight of 15.8 ppg, 1.15 cu-ft/sk yield. Mix water was 4.96 gal/sk. Compressive strength 24 hrs/4000 psi
11/18/2011	R/U wireline truck & perforate prod. casing @ 2520' & 100'. R/D wireline. Run in & set CICR @ 2468' SDFN.
11/22/2011	Sting into CICR @ 2468' Pump 80 sx cement below, sting out, spot 25 sx cement on top. POOC mix & pump 75 bbls mud. L/D tubing, rig cementers to prod casing & est. circulation up annulus. Circulate 70 sx cement to surface. RDSU order trackhoe to remove concrete cellar. SDFN. CEMENT DETAIL: Class G Neat with slurry weight of 15.8 ppg, 1.15 cu-ft/sk yield. Mix water was 4.96 gal/sk. Compressive strength 24 hrs/4000 psi
11/23/2011	Nipple down BOP dig out wellhead w/3rd party excavator. Cut casing bgl on 11/28. Top off prod casing w/5 sx cement. Top off 13 3/8" w/15 sx cement. 9 5/8" had cement to surface. Weld on dry hole plate w/legal ID. Backfill cellar, demob. CEMENT DETAIL: Class G Neat with slurry weight of 15.8 ppg, 1.15 cu-ft/sk yield. Mix water was 4.96 gal/sk. Compressive strength 24 hrs/4000 psi

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:
1. TYPE OF WELL Gas Well	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	8. WELL NAME and NUMBER: ARE W31-08
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	9. API NUMBER: 43043301640000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0468 FNL 2201 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 31 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 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: 8/1/2014	<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 Company has reclaimed and reseeded the above referenced well according to the landowners agreement on August 1, 2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 02, 2015

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/10/2015	