

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

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
Free

7. Unit Agreement Name

8. Farm or Lease Name
Anschutz Ranch East Unit

9. Well No.
Anschutz Ranch East

10. Field and Pool, or Wildcat
#30-12

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

Sec 30, T4N, R8E

12. County or Parrish 13. State
Summit Utah

17. No. of acres assigned to this well

20. Rotary or cable tools
Rotary

22. Approx. date work will start*
When approved

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

AMOCO PRODUCTION COMPANY

3. Address of Operator

P.O. BOX 17675 Salt Lake City, Utah 84117

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1915.8 FSL & 84.5 FWL

At proposed prod. zone

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

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

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

14640

NUGGET

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

8140.4 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
As required	20"-24"	106#	40' - 80'	Dependent on terrain
17 1/2"	13 3/8"	68# - 72#	6000'	50' into Aspen
12 1/4"	9 5/8" x 9 7/8"	47#-53.5#-62#	12400'	100-150' into Twin Creek
8 1/2"	7"	32#	14640'	TD-150' below GWC

PROPOSE TO DEVELOP NUGGET RESERVES

(See Attachments)

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

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

DIVISION OF
OIL, GAS & MINING

APR 14 1983

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 well data on surface, measured and true vertical depths. Give blowout preventer program, if any.

DATE: 4/11/83
BY: [Signature]

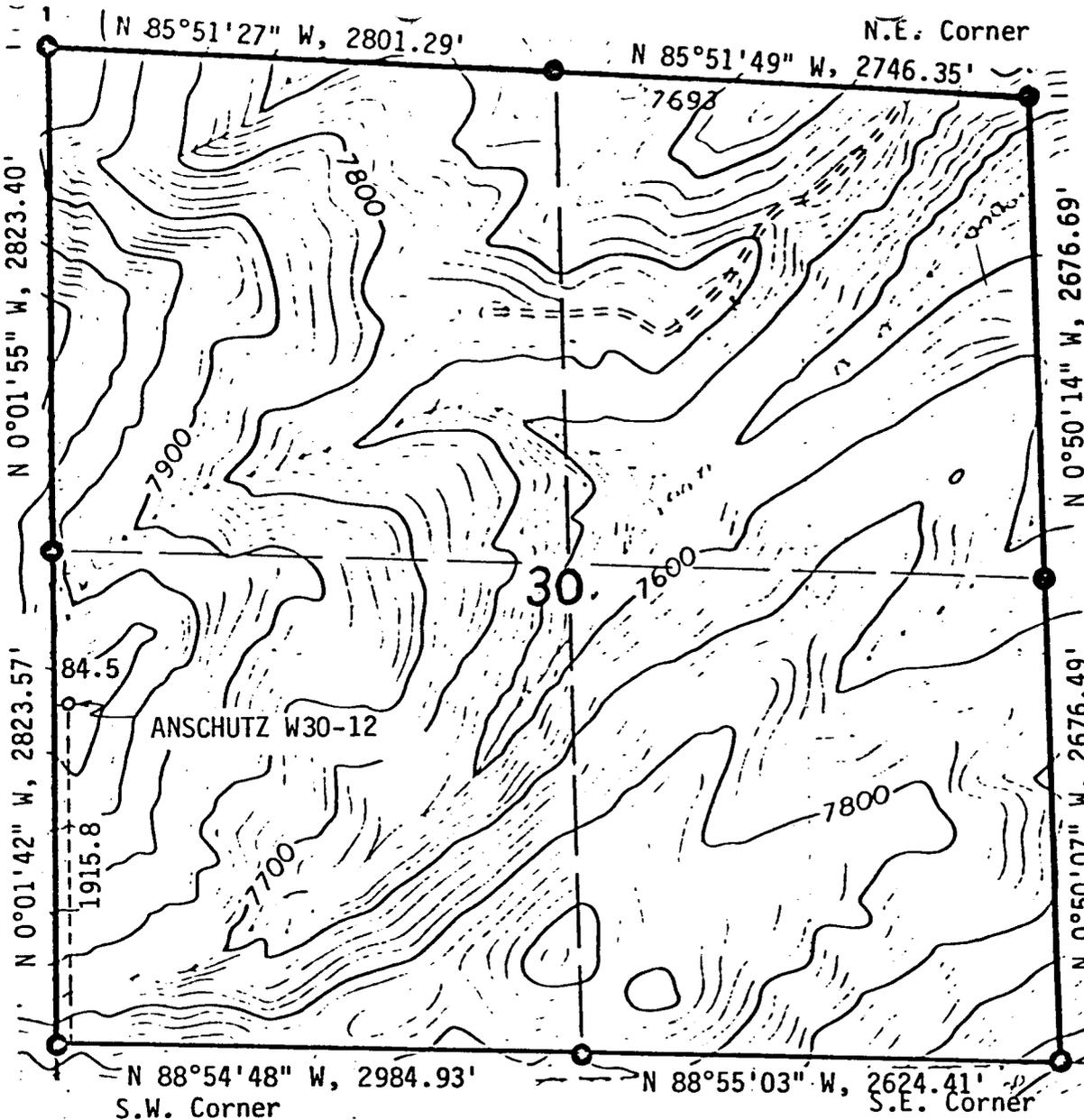
Signed: [Signature]

Title: Staff Administrative Analyst Date: 4/11/83

(This space for Federal or State office use)

Permit No. Approval Date

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



GRID NORTH

3" ALUMINUM CAP

WELL HEAD

HUB & TACK

THETA ANGLE AT S.W. CORNER +00°16'52"

SCALE: 1" = 1000'

I, Loyal D. Olson III of Evanston, Wyoming, do hereby certify that in accordance with a request from Jon Jensen of Evanston, WY for Amoco Production Company, that a survey was made under my direction and authority on the 1st day of April, 19 83, for the Location and Elevation of the Anschutz W30-12 Well, as shown on the above map. The wellsite is located in the Lot 3, of Section 30, T.4 N., R.8 E., of the Salt Lake Base & Meridian, Summit County, Utah.

Elevation is 8140.4 feet Top Hub.

BASIS OF BEARINGS AND ELEVATION DATUM

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

Reference Point _____

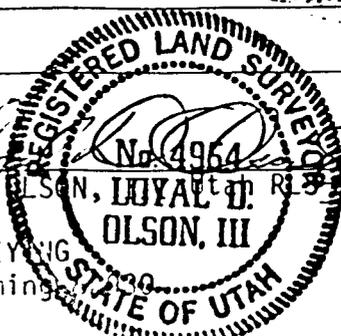
Reference Point _____

Reference Point _____

Reference Point _____

Point Number 753
 Book 54, Page 83
 Date 4/05/83
 Job No. 83-10-15

LOYAL D. OLSON, Loyal D. Olson, III



UINTA ENGINEERING & SURVEYING
 808 Main Street, Evanston, Wyoming
 Phone 307-769-3602

ATTACHMENT TO FORM OGC-1a

Anschutz Ranch East 30-12

- 1) Geologic name of the surface formation: Tertiary

- 2) Estimated tops of geological markers:

Aspen	5965
Gannett	7760
Preuss	10590
Salt	11590
Twin Creek	12290
Nugget	14140

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

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

- 5) Mud Program:

0-6000'	Spud Mud	Minimum properties to maintain stable wellbore. Sweeps as necessary for adequate hole cleaning.
6000' - 12400	Sat Salt	Minimum properties to maintain stable wellbore.

- 6) Logging Program:

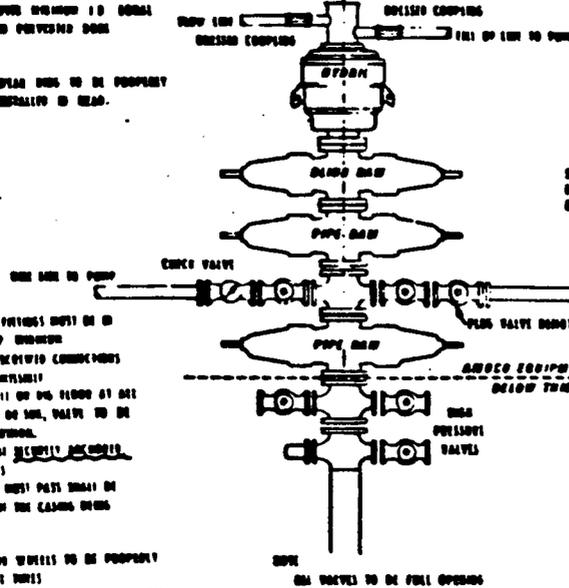
DIL-DLL-GR	Base of Salt to TD
BHC-SONIC-GR-CAL	Base of Surface casing to TD
HDT-Cyberdip	Surface to TD
FDC-CNL-GR-CAL	Base of Salt to TD
Gyro Directional	Surface to TD

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

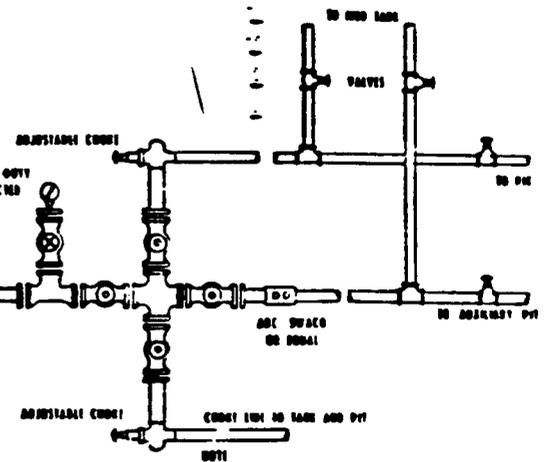
EXHIBIT DOP-0000
MINIMUM BLOW-OUT PREVENTER REQUIREMENTS
 5,000 psi W.P.

NOTE
 1 BLOWING SUPPLY TO BE SO CONSTRUCTED THAT IT CAN BE SHUTTED WITHOUT USE OF A VALVE THROUGH SAFETY TAGS OPENING; THIS SYSTEM IS NORMAL TO PERFORMED WORK

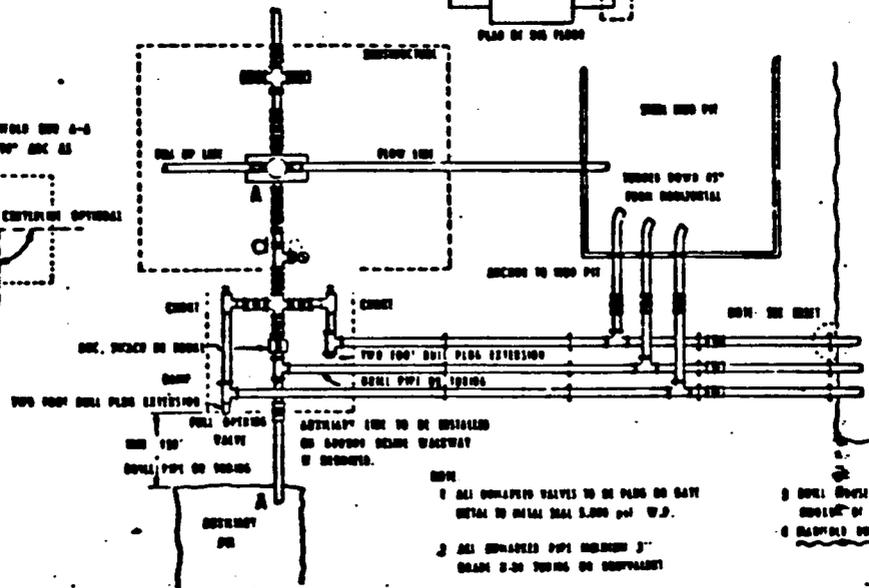
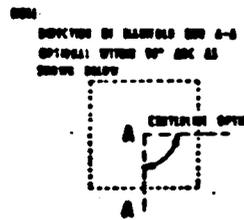
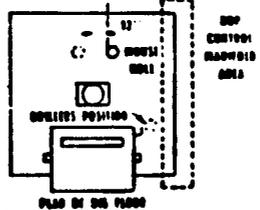
2 SEAL RING TO BE PROPERLY INSTALLED IN HEAD.



5,000 psi BLOW OUT PREVENTER PROTECTED BARGE



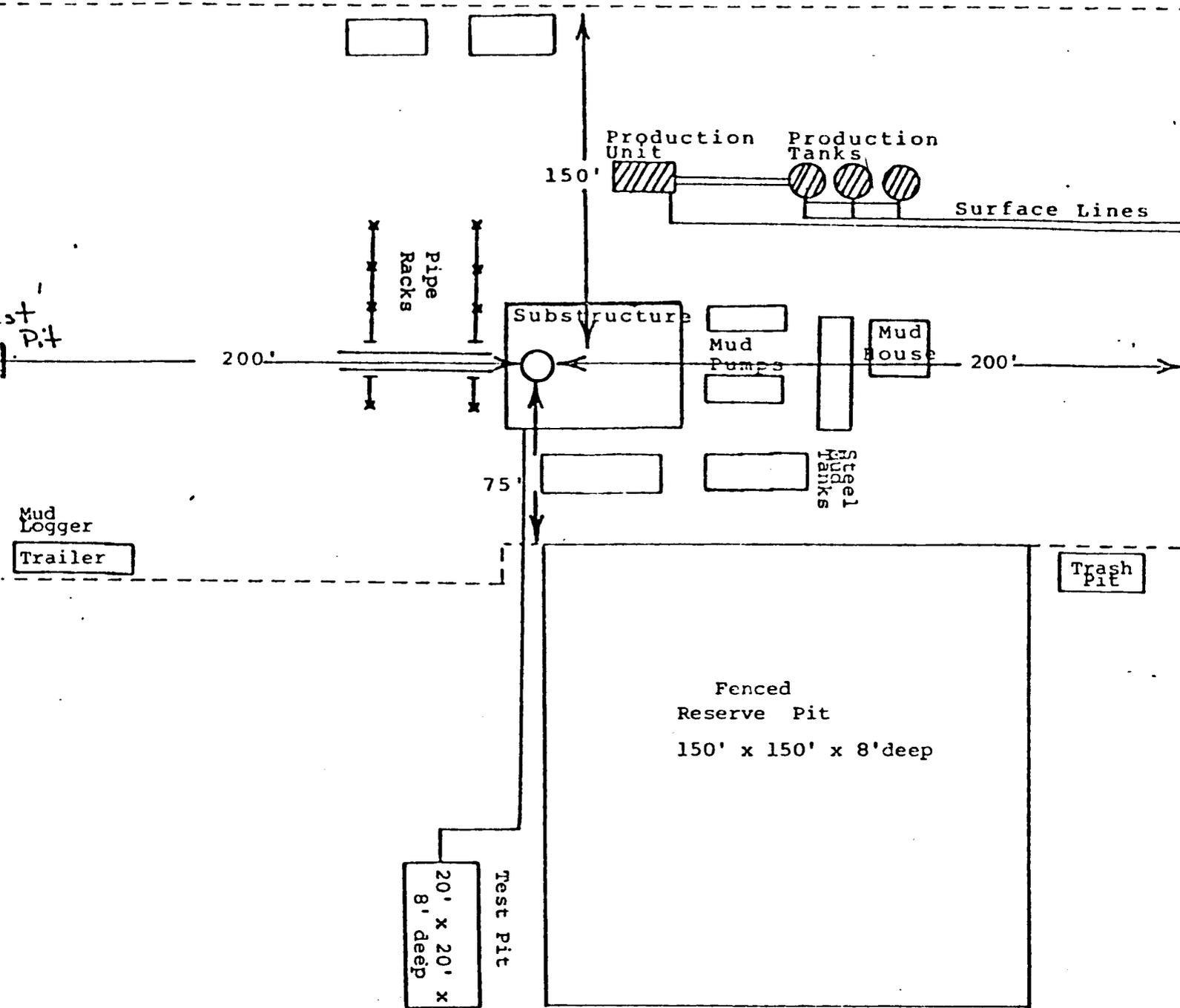
- NOTE**
- 1 BLOW OUT PREVENTERS AND ALL PARTS MUST BE IN GOOD CONDITION 5,000 psi W.P. DESIGN
 - 2 ALL SYSTEMS TO BE PROTECTED AGAINST CORROSION DOWNSTREAM FROM CONTROL SYSTEMS
 - 3 SAFETY VALVE MUST BE AVAILABLE ON THE FLOOD AT ALL TIMES WITH PROPER CONNECTION TO SEAL VALVE TO BE FULL BLOW 5,000 psi W.P. DESIGN
 - 4 ALL LINES AND ALL TUBES TO BE SECURELY SECURED, ESPECIALLY FOOT OF CONTROL LINES
 - 5 COMPRESSOR THROUGH WHICH DRIFT MUST PASS SHALL BE AS LEAST AS 1/2 INCH DIAMETER OF THE CASING BEING BLOWED THROUGH
 - 6 SEALY CODE ON BENCH
 - 7 EXTENSION WOODWORK AND BARGE WOODS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES
 - 8 THE FLOOD BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO BENCHED POSITION AS FEASIBLE
 - 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE AN GALLON ACCUMULATOR TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION AND MEET ALL BAC SPECIFICATIONS



- NOTE**
- 1 ALL SHUTTER VALVES TO BE PLUG ON SAFE SETBACK TO INITIAL SEAL 5,000 psi W.P.
 - 2 ALL SHUTTER PIPE MINIMUM 3\"/>

- 3 WELL HEADS MUST BE 17\"/>
- 4 BARGE END A-B TO BE STRAIGHT THROUGH

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



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

--- Dotted lines indicated perimeter of leveled location.

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

TYPICAL
LOCATION
LAYOUT

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

EXHIBIT "D"

OPERATOR AMICO PRODUCTION CO. DATE 11-21-83

WELL NAME ANSCHUTZ RANCH EAST UNIT W30-12A

SEC NWNW30 T 4N R 8E COUNTY SUMMIT

^{NW}
 43-043-30248
API NUMBER

Lease
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

A-3

ANSCHUTZ RANCH EAST
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

- RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- AUTHENTICATE LEASE AND OPERATOR INFORMATION
- VERIFY ADEQUATE AND PROPER BONDING
- AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- APPLY SPACING CONSIDERATION
 - ORDER _____
 - UNIT _____
 - c-3-b
 - c-3-c
- CHECK DISTANCE TO NEAREST WELL.
- CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- VERIFY LEGAL AND SUFFICIENT DRILLING WATER

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NO. FEE	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY DRAWER 829		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 	
3. ADDRESS OF OPERATOR EVANSTON, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Old Location: 1915.8' FSL & 84.5' FWL New Location: 1886' FSL & 47' FWL		8. FARM OR LEASE NAME Anschutz Ranch East	
14. PERMIT NO. 43-043-30230		9. WELL NO. #W30-12A	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8137' GR (Graded Elevation)		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
		11. SEC., T., R., M., OR BLE. AND SURVBY OR AREA Sec. 30, T4N, R8E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

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

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

Wellbore location of skidded rig has been surveyed and is given above.
Current TD as of August 24, 1983 is 3891'.
Drilling Company: R. L. Manning #35
Drilling ahead with 17.5" Bit in Frontier Formation.

18. I hereby certify that the foregoing is true and correct
SIGNED R. J. Urban TITLE Staff Admin Analyst (SG) DATE 8-30-83

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

4

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1886' FSL & ~~84.5~~^{47'} FWL

14. PERMIT NO.
43-043-30230

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
8137 Graded

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
W30-12A

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

Sept. 15, 1983

Drilling ahead, total depth 4456', w/17.5" bit

Spud date 08-13-83

Drilling Contractor R. L. Manning 35



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

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

(This space for Federal or State office use)

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

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

2

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">FEE</p>	
2. NAME OF OPERATOR <p style="text-align: center;">Amoco Production Company</p>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <p style="text-align: center;">P. O. Box 829, Evanston, WY 82930</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">Anschutz Ranch East</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">1886' FSL & 47' FWL</p>		8. FARM OR LEASE NAME <p style="text-align: center;">Anschutz Ranch East</p>	
14. PERMIT NO. <p style="text-align: center;">43-043-30230</p>		9. WELL NO. <p style="text-align: center;">W30-12A</p>	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <p style="text-align: center;">8137 GRADED</p>		10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">Anschutz Ranch East</p>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">Sec. 30, T4N, R8E</p>	
		12. COUNTY OR PARISH <p style="text-align: center;">Summit</p>	13. STATE <p style="text-align: center;">Utah</p>

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

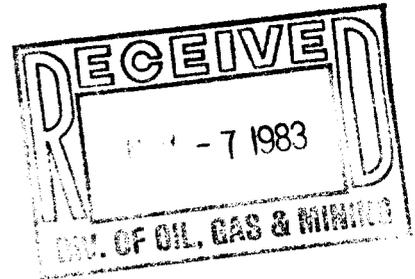
WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Report of Operations</u> <input checked=""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

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

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

Date 10-22-83

Drilling Contractor - R. L. Manning 35
Drilling Ahead with 12-1/4" bit
Total Depth 8212'



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

SIGNED

Larry D. Smith

TITLE Staff Administrative Analyst (SG) DATE 11/2/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

3

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

SUNDRY NOTICES AND REPORTS ON WELLS

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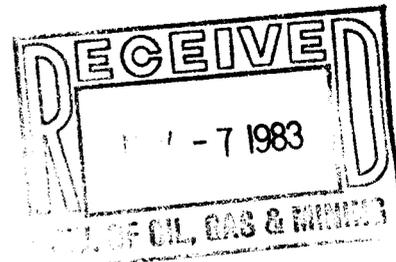
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 84.5 FWL		8. FARM OR LEASE NAME Anschutz Ranch EAST
14. PERMIT NO. 43-043-30230	15. ELEVATIONS (Show whether OF, RT, OR, etc.) 8173 Graded	9. WELL NO. W 30-12A
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

The targeted Bottomhole Location is a 200' radius centered at a point located 1225' FWL 1800' FSL of Sec. 30, T4N, R8E, Summit, Utah.



18. I hereby certify that the foregoing is true and correct
SIGNED Laura L. Smith TITLE Staff Admint. Anal. (SC) DATE 1/2/83
(This space for Federal or State office use)

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

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

2 71

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 47' FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30230	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8137 GRADED	9. WELL NO. W30-12A
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		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Change of Location</u> <input checked="" type="checkbox"/>	

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

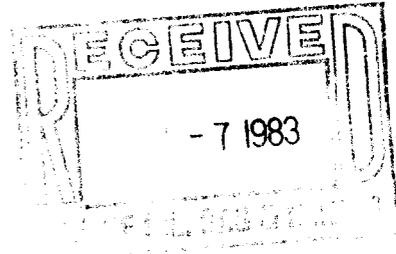
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Old Well Name Anschutz W30-12

New Well Name Anschutz W30-12A ✓

Old Well Location 1915.8' FSL & 84.5 FWL

New Well Location 1886' FSL & 47' FWL ✓



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

SIGNED [Signature] TITLE Staff Administrative Analyst DATE 11/2/83 (SG)

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Amoco Production Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 829, Evanston, WY 82930</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1886' FSL & 47' FWL</u></p> <p>14. PERMIT NO.</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>FEE</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u></p> <p>8. FARM OR LEASE NAME <u>Anschutz Ranch East</u></p> <p>9. WELL NO. <u>W30-12A</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Anschutz Ranch East</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 30, T4N, R8E</u></p> <p>12. COUNTY OR PARISH <u>Summit</u></p> <p>13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>8137 Graded</u></p>		

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

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

(NOTE: Report Results of Surveys, Completion or Recompletion Report and Log form.)

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

RIG SKID

We request that an API number be assigned to the Anschutz W30-12A.

API Number 43-043-30230 was assigned to Anschutz W30-12 but since then we have skid the rig causing us to set new surface casing, assign a new well name, and change the location, thus necessitating the assignment of a new API number.

RECEIVED
NOV 10 1983

DIVISION OF
OIL & GAS

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

SIGNED [Signature] TITLE Staff Administrative Analyst (SG) DATE 11-8-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

November 21, 1983

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

RE: Well No. Anschutz Ranch East W30-12A
NWNW Sec. 30, T. 4N, R. 8E
1886' FSL, 47' FWL
Summit County, Utah

Gentlemen:

In regards to the above referenced well, the API number assigned to this well is 43-043-30248.

The old location of 1915.8' FSL and 84.5 FWL will still carry the old API number of 43-043-30230. We show this location as P & A.

If we can be of further service to you, please feel free to call on us.

Sincerely,



Arlene W. Sollis
Administrative Aide

AWS

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W30-12A

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 30, T4N, R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

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

14. PERMIT NO.

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

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

NOTICE OF INTENTION TO:

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

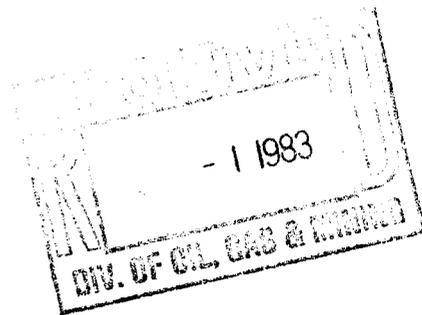
SUBSEQUENT REPORT OF:

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

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

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

Date: 11-13-83
Total Depth: 10838
Drilling with: 12-1/4 inch bit
Drilling Contractor: R.L. Manning 35



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

SIGNED Langston Smith TITLE Staff Admin. Analyst (SG) DATE 11/29/83

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 47' FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8137 Graded	9. WELL NO. W30-12A
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

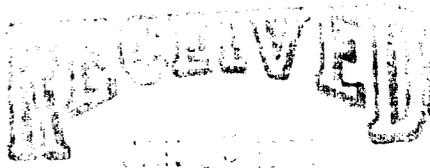
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Date: 12/27/83

Total Depth: 12188'

Drilling Contractor: RL Manning 35

Drilling With: 12.25" Bit



DIVISION OF
OIL, GAS & MINING

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DOUBLE "D" ENTERPRISES

State

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... 12-22-83

OIL CO.: Amoco

WELL NAME & NUMBER..... ARE W-30-12-A

SECTION..... 30

TOWNSHIP..... 4-N

RANGE..... 8-E

COUNTY..... Summitt, Utah

DRILLING CONTRACTOR..... Manning 35

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..... Jim Tracy

RIG TOOL PUSHER.....

TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST: Utah Oil & Gas

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

..... Amoco Site Rep

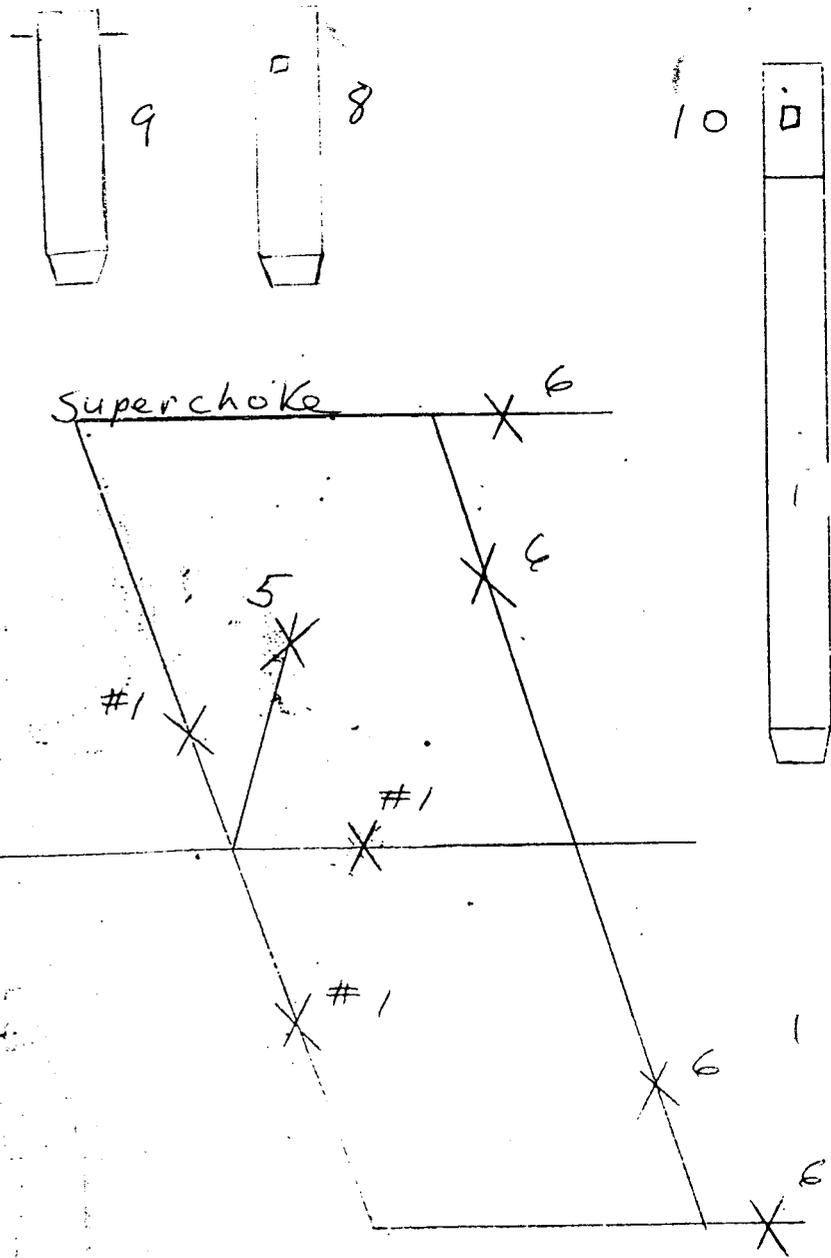
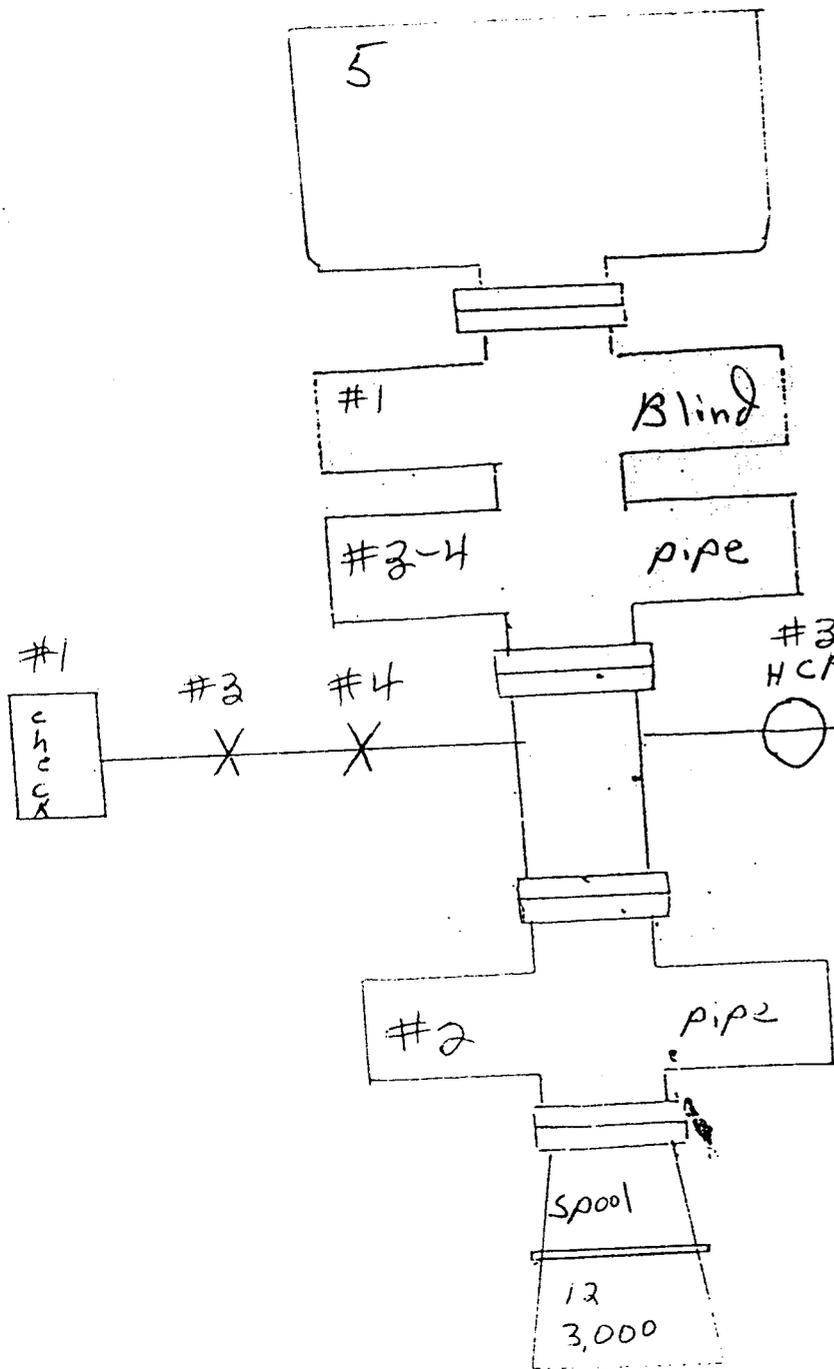
ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

[Faint stamp]
JUN 1 1984

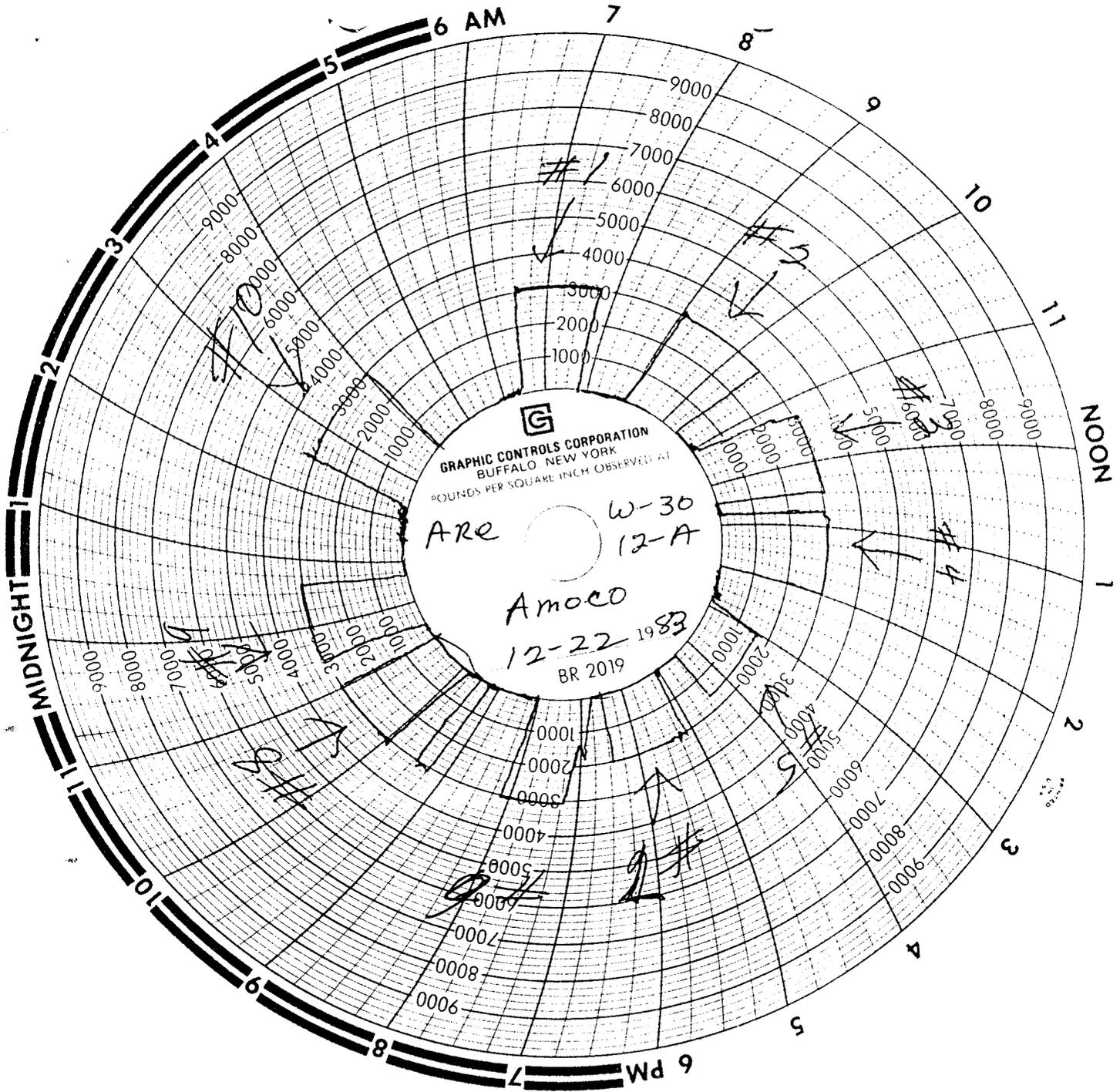
DIVISION OF
OIL AND GAS

Time Explanation & TESTS - Explanation

- 3:00 AM Arrived on location
- 5:00 AM Retrieve wear ring Run Plug
Back out joint fill stack
- 5:30 Blinds check valve 1st 3 manifold
Valves 3000 15 min OK
- 2. Run joint tie into Drill pipe Lower
pipes 3000 15 min OK
- 3. Upper pipes HCR 1st Kill line valve
3000 15 min OK
- 4. Upper pipes manual choke line valve
2nd Kill line valve 3000 15 min OK
- 5. Hydril & vertical manifold valve
15 min OK 1500
Pull Plug Run & set wear ring
Kelly up Rig up Tiw & Kelly sub
while Kelly up tested
- 6. Back manifold valves & #7 Super
choke 15 min OK 3000
- 8. Tiw 3000 Bled slow worked
Tiw 3000 15 min Bled 100 lbs
worked Tiw 3000 15 min OK
- 9. 2nd Tiw 3000 15 min OK
- 10. Upper Kelly 3000 worked valve
Bled fast Upper Kelly 3000
15 min OK
- 10:30 Rig DOWN spool-up



LIMITED COPY
 NO WORKING



DIVISION OF
 CHAS. ...

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... 2/2/84

OIL CO.: Amoco

WELL NAME & NUMBER..... ARE W-30-12-A

SECTION..... 30

TOWNSHIP..... 4N

RANGE..... 8-e

COUNTY..... Summit, Utah

DRILLING CONTRACTOR..... Manning (35)

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..... Jim Tracy

RIG TOOL PUSHER.....

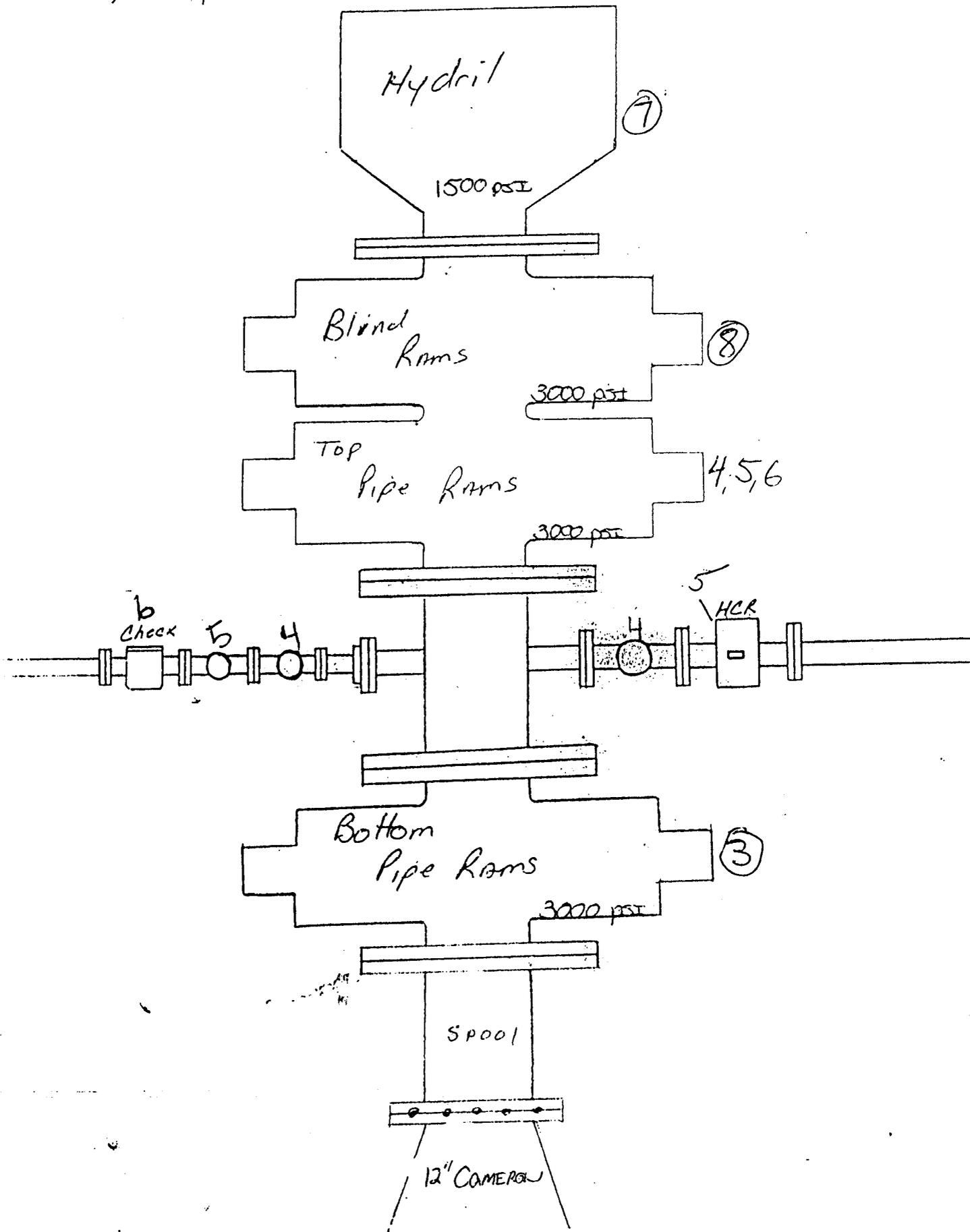
TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST: Utah Oil + GAS

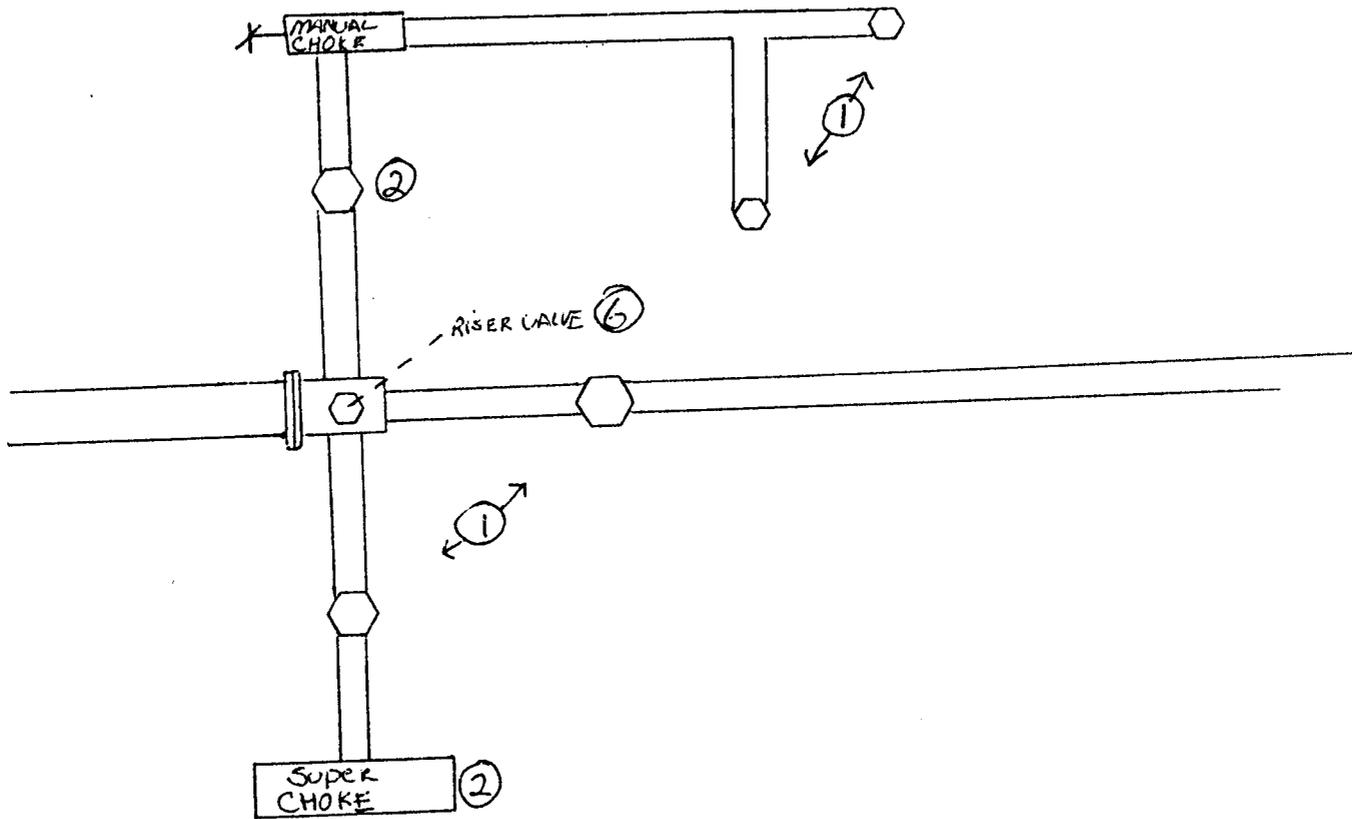
COPIES OF THIS TEST REPORT SENT COPIES TO: Utah oil + GAS
AMOCO SITE REP

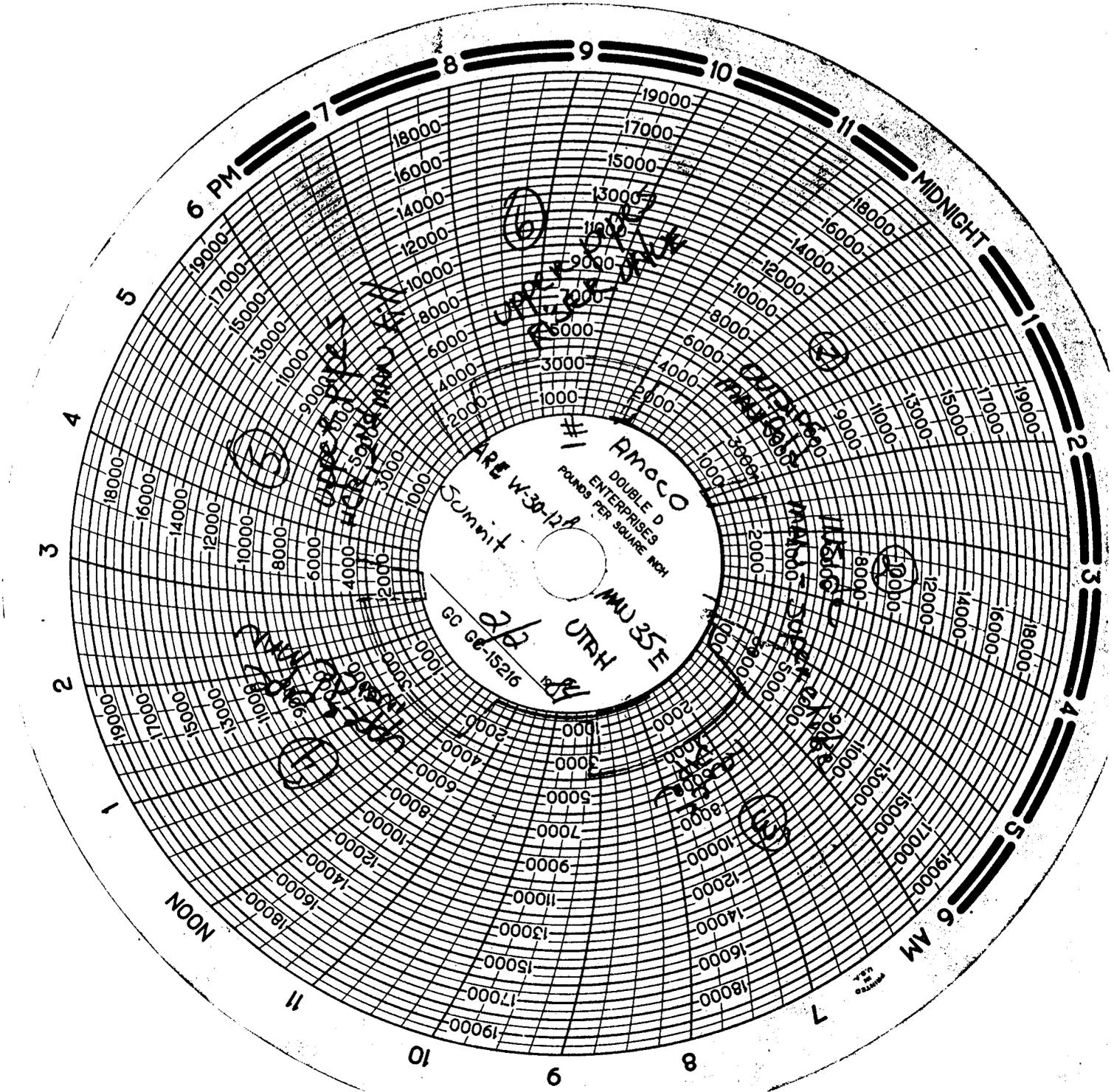
ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

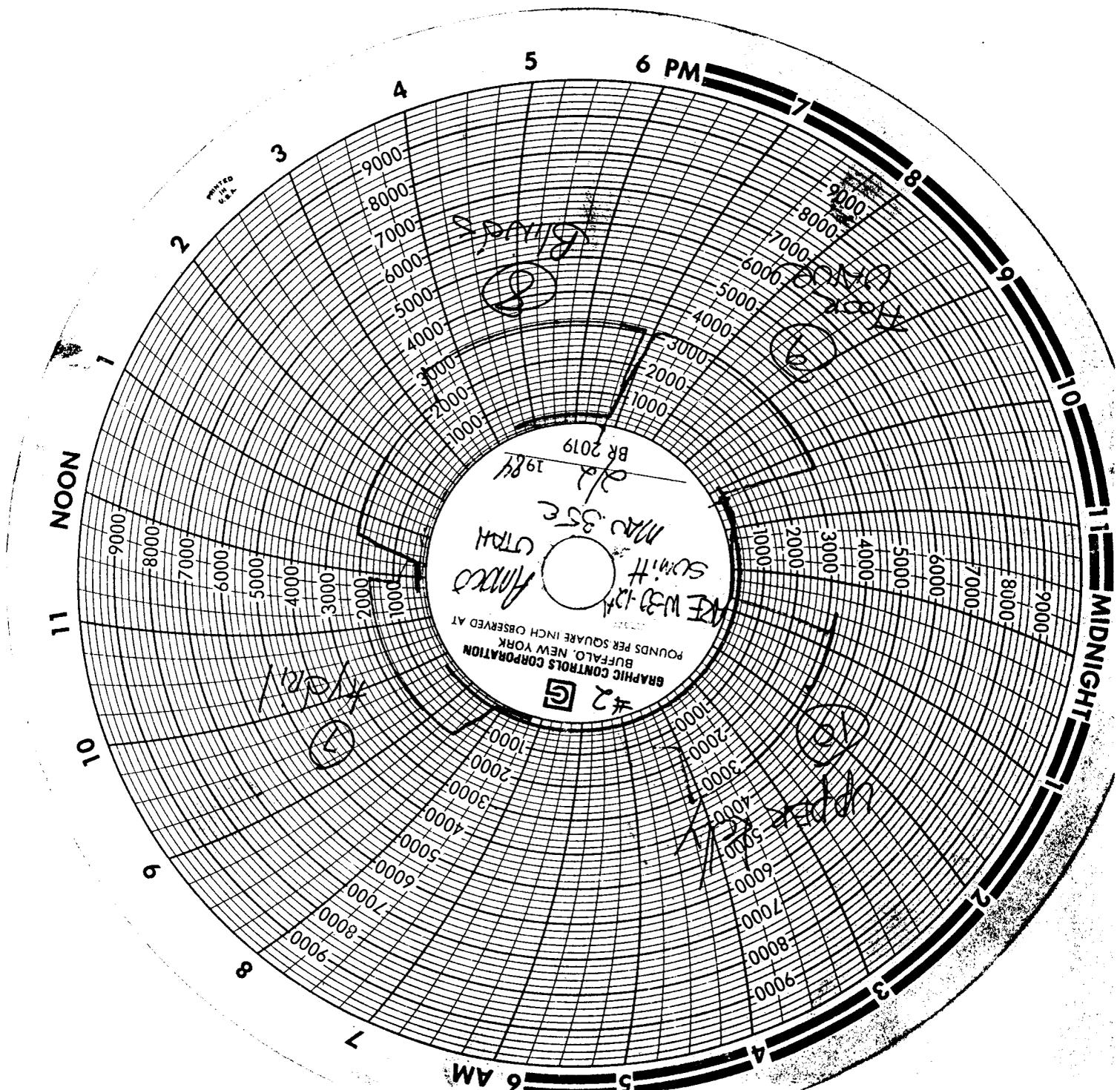
Amoco MAN-35
2/2/84 AFE W-30-12A
3000, 1500 psi



MAN: 35 FMOCO
CHOKE MANIFOLD
2/2/84







GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
POUNDS PER SQUARE INCH OBSERVED AT
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Amoco Smith
MPC 35E
BR 2019
2/2 1984

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

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

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME Anschutz Ranch East
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, Wyoming 82930		8. FARM OR LEASE NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 47' FWL		9. WELL NO. W30-12A
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8137 Graded		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		12. COUNTY OR PARISH Summit
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.)*		13. STATE Utah

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

Date 01/28/84

Total Depth 12,695

Drilling Contractor RL Manning 35

Drilling ahead with 12.25" bit.

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-22-84

OIL CO.: Amoco

WELL NAME & NUMBER A.R.E. W-30-12A ✓

SECTION 30

TOWNSHIP 4n

RANGE 8-E

COUNTY Summit, Utah

DRILLING CONTRACTOR Manning #35

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 Bill Fultz

RIG TOOL PUSHER Glen

TESTED OUT OF Evanston

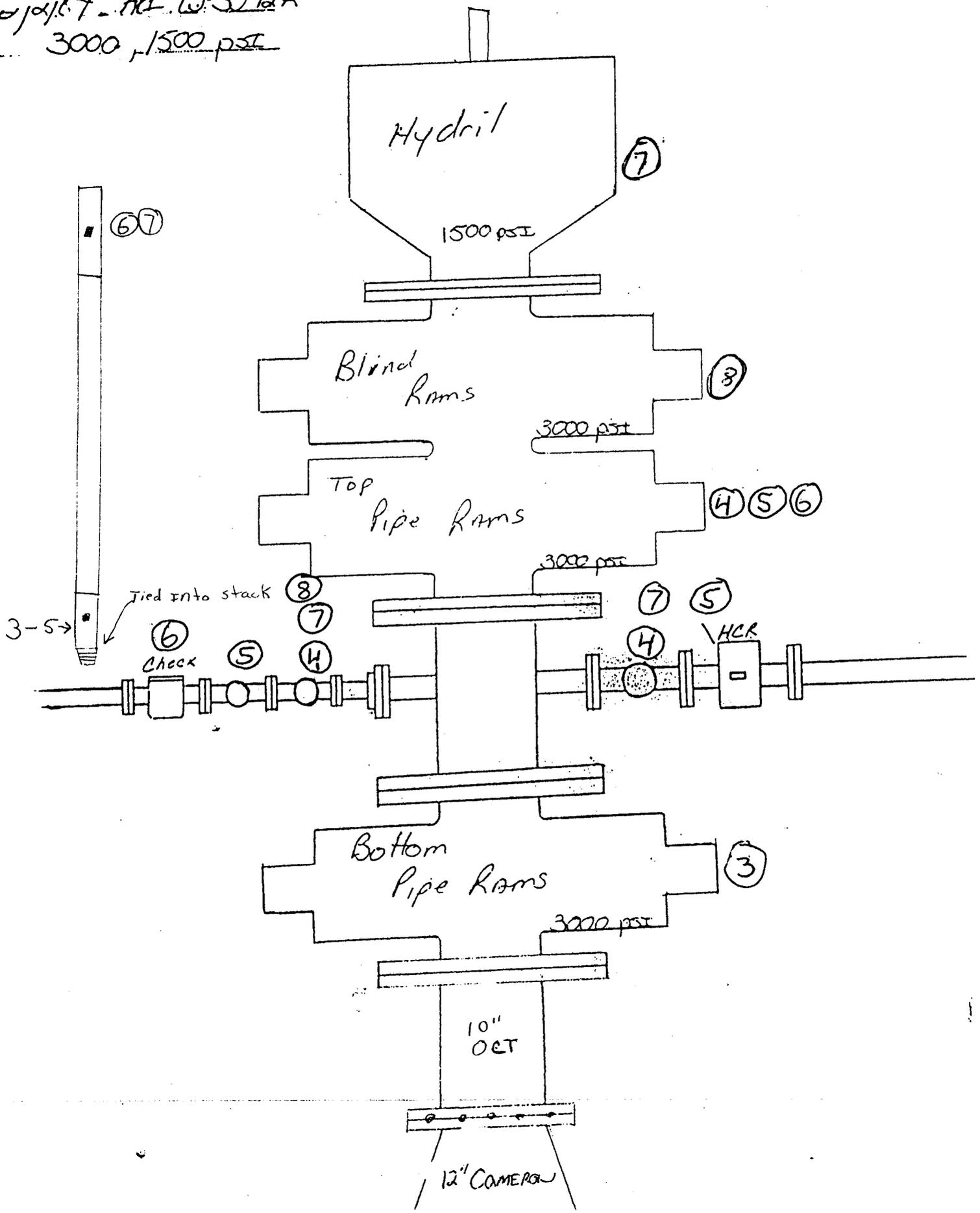
NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah Dept. Geol.

Amoco - site Rep

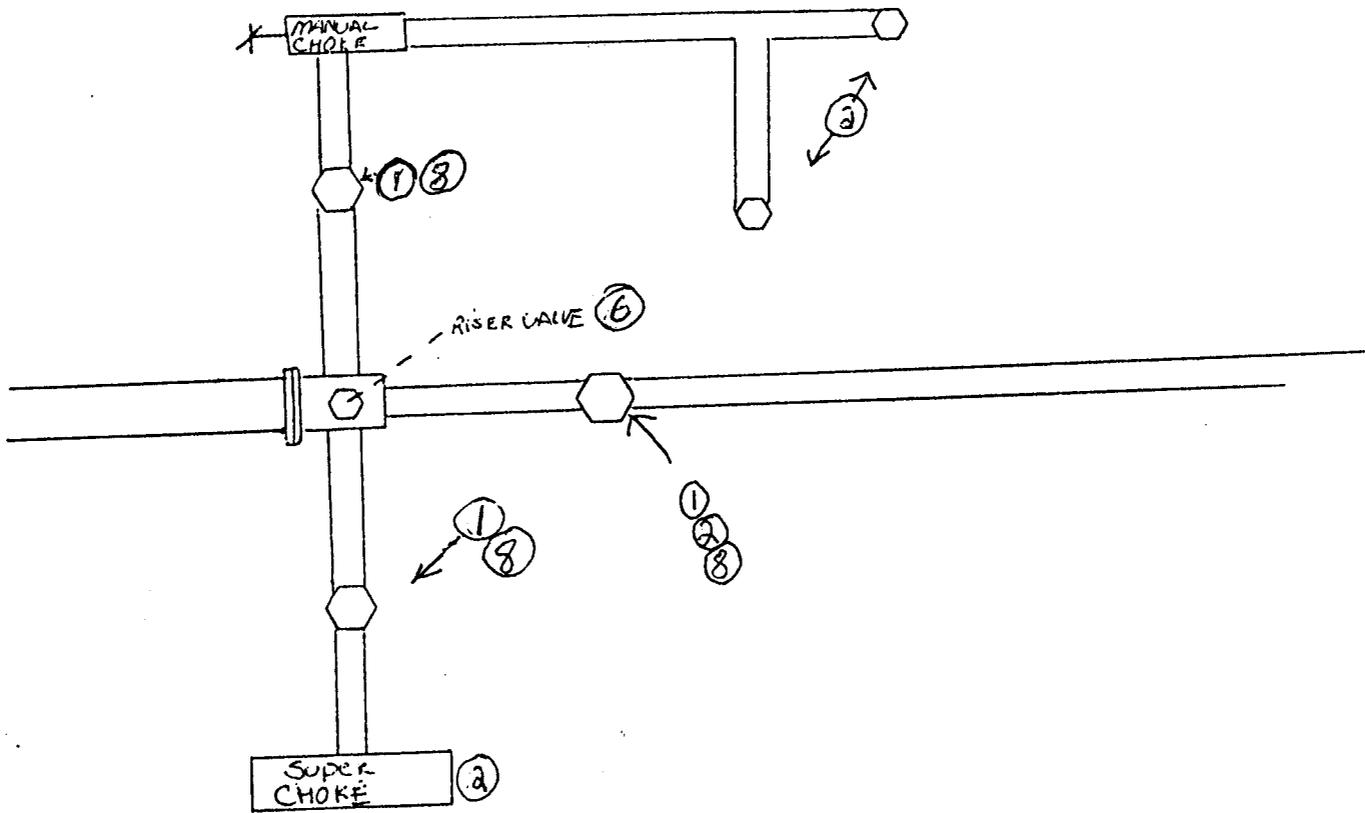
ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston.....OFFICE

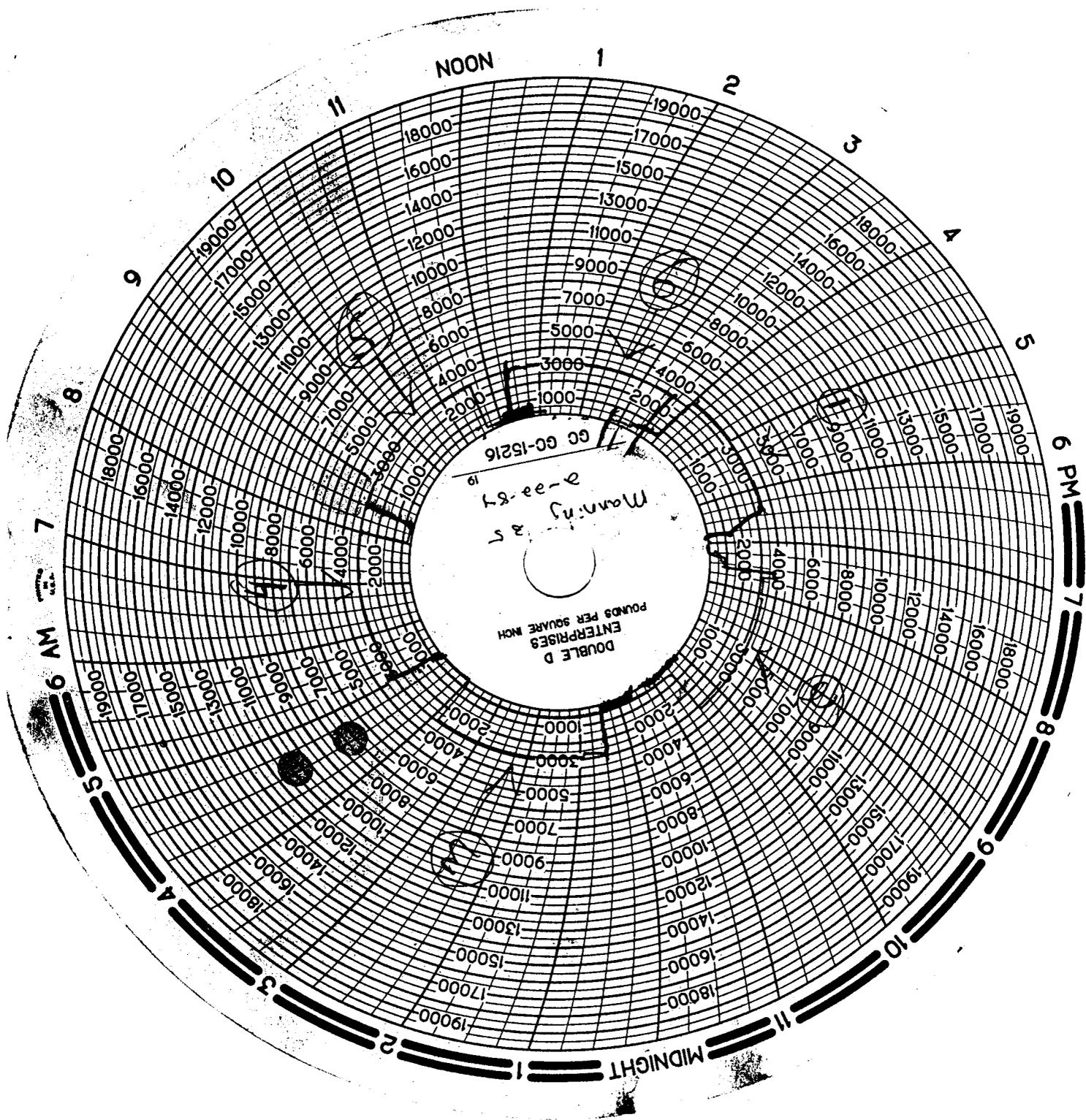
Project - ARE W-30-12A
3000, 1500 psi



CHOKE MANIFOLD

2/2/84

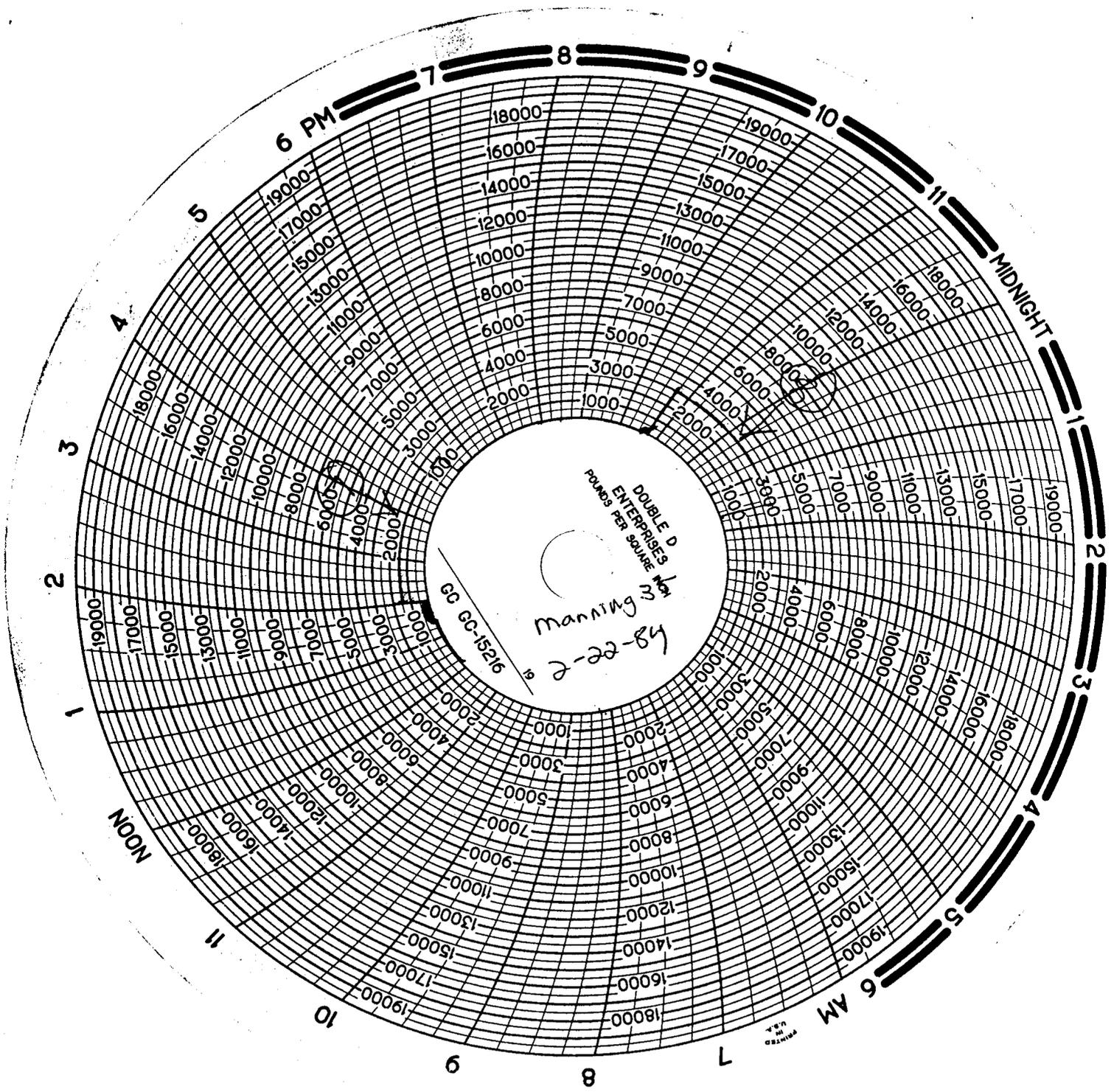




DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

GC GC-15216

Manning & Co.
2-22-84



DOUBLE D
ENTERPRISES PER
SQUARE MILE

Manning 2

68-22-84

60 60-15216

PRINTED
IN
U.S.A.

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-28-84

OIL CO.: Amoco

WELL NAME & NUMBER ARE - W30-12A ✓

SECTION 30

TOWNSHIP 4N

RANGE 8-E

COUNTY SUMMIT UTAH

DRILLING CONTRACTOR MANNING #25

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 Bill Fultz

RIG TOOL PUSHER GLEN

TESTED OUT OF EVANSTON

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: SITE REP
UTAH O&G
BLM - VERNAL

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON, WYO. OFFICE

Amoco ARE W30-12A

MANNING #35

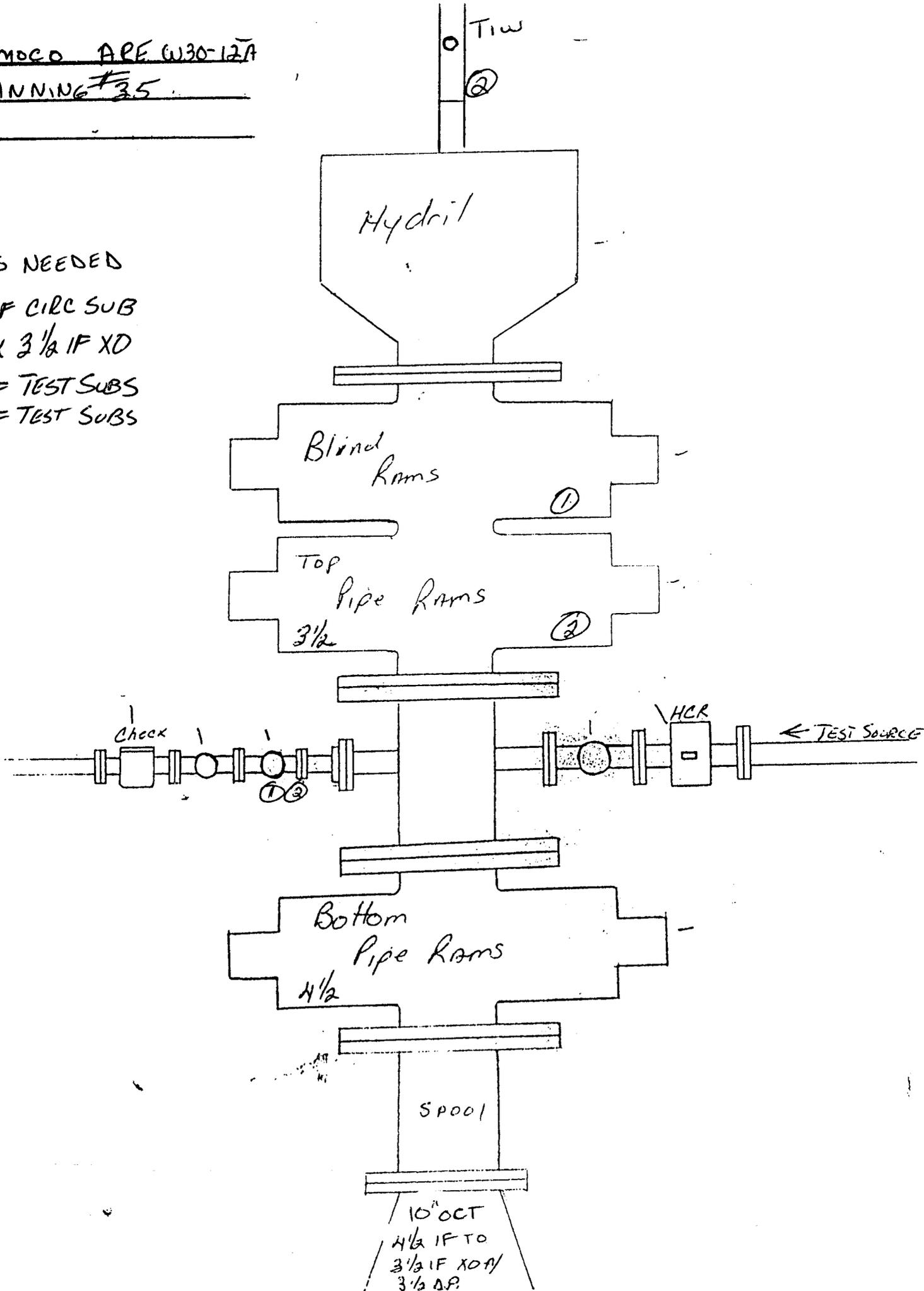
SUBS NEEDED

3 1/2 IF CIRC SUB

4 1/2 x 3 1/2 IF XD

2 1/2 IF TEST SUBS

3 1/2 IF TEST SUBS



DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-29-84

OIL CO.: Amoco

WELL NAME & NUMBER AR.E W30-12A ✓

SECTION 30

TOWNSHIP 4n

RANGE 8-E

COUNTY Summit, Utah

DRILLING CONTRACTOR Manning #35

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 Jim Tracy

RIG TOOL PUSHER Don

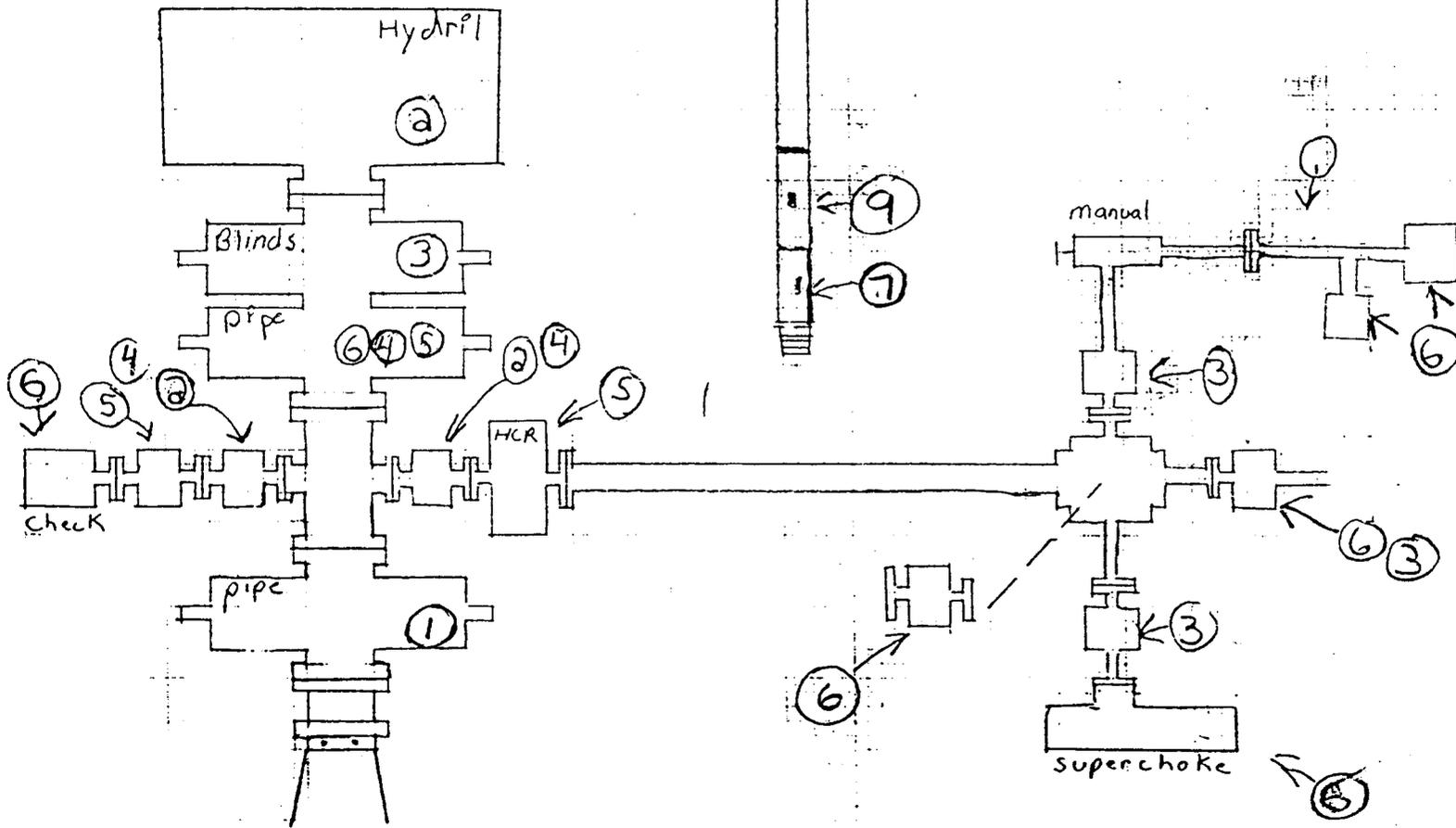
TESTED OUT OF Evanston

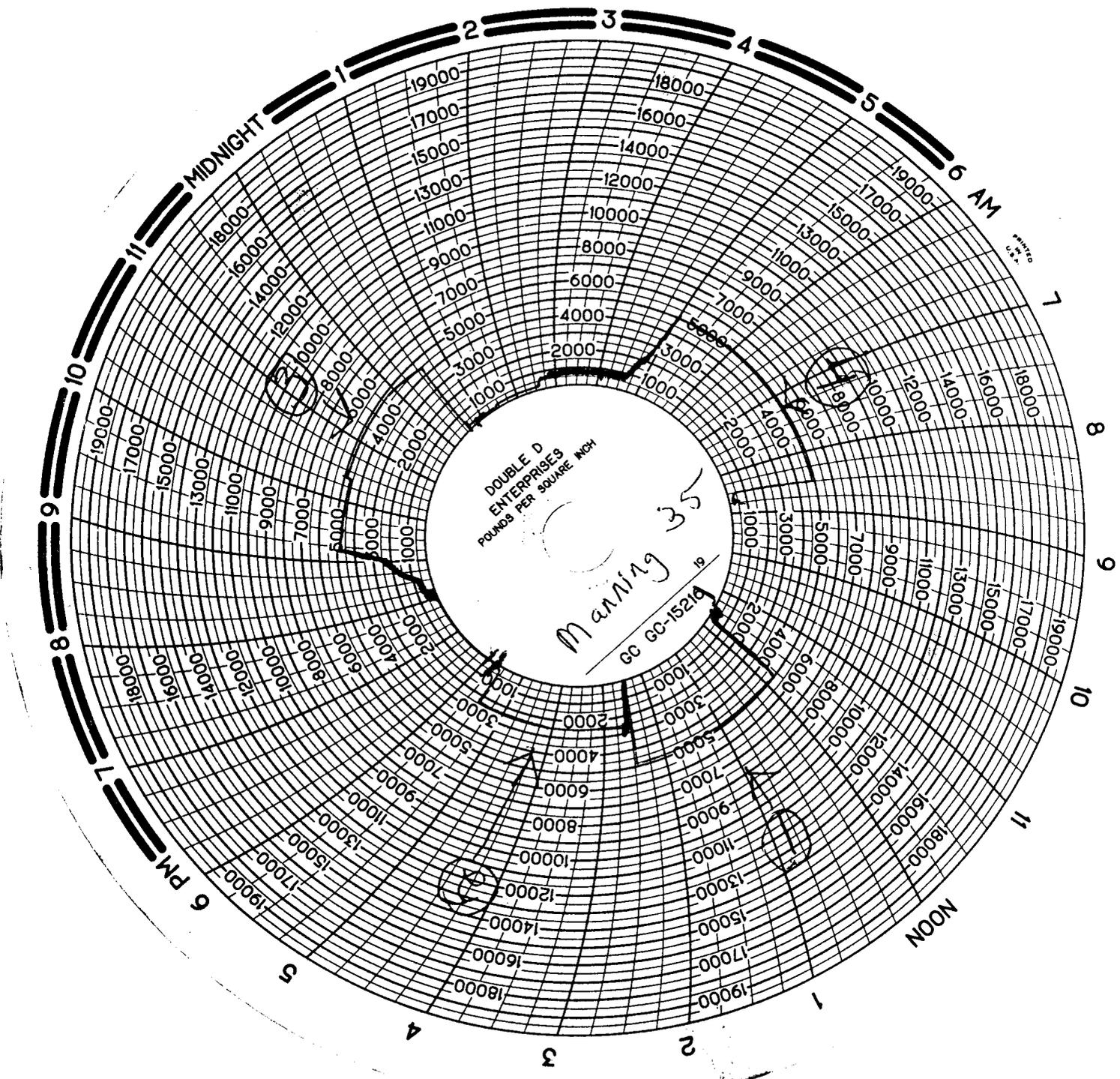
NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah-USA
Amoco site Rep

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

- ① 7:25 - 7:40 Lower pipes
- ② 7:40 - 7:55 Annular inside choke + Kill
- ③ 8:15 - 8:30 Blind rams, inside manifold
- ④ 8:40 - 8:55 upper pipes - (3 1/2) inside choke + Kill
- ⑤ 9:00 - 9:15 upper pipes 2nd manual on Kill, HCR valve.
- ⑥ 9:20 - 9:35 upper pipes, check valves, Riser valve, 2nd manuals Left, Back manual, super choke.
- ⑦ 9:50 - 10:05 3 1/2 TFW
- ⑧ 10:55 - 11:10 Test casing to 3000 lbs
- ⑨ 11:20 - 11:35 5" TFW
11:35 - psi on upper Kelly Leaking by worked it several times.
- ⑩ 11:45 - 12:00 upper Kelly

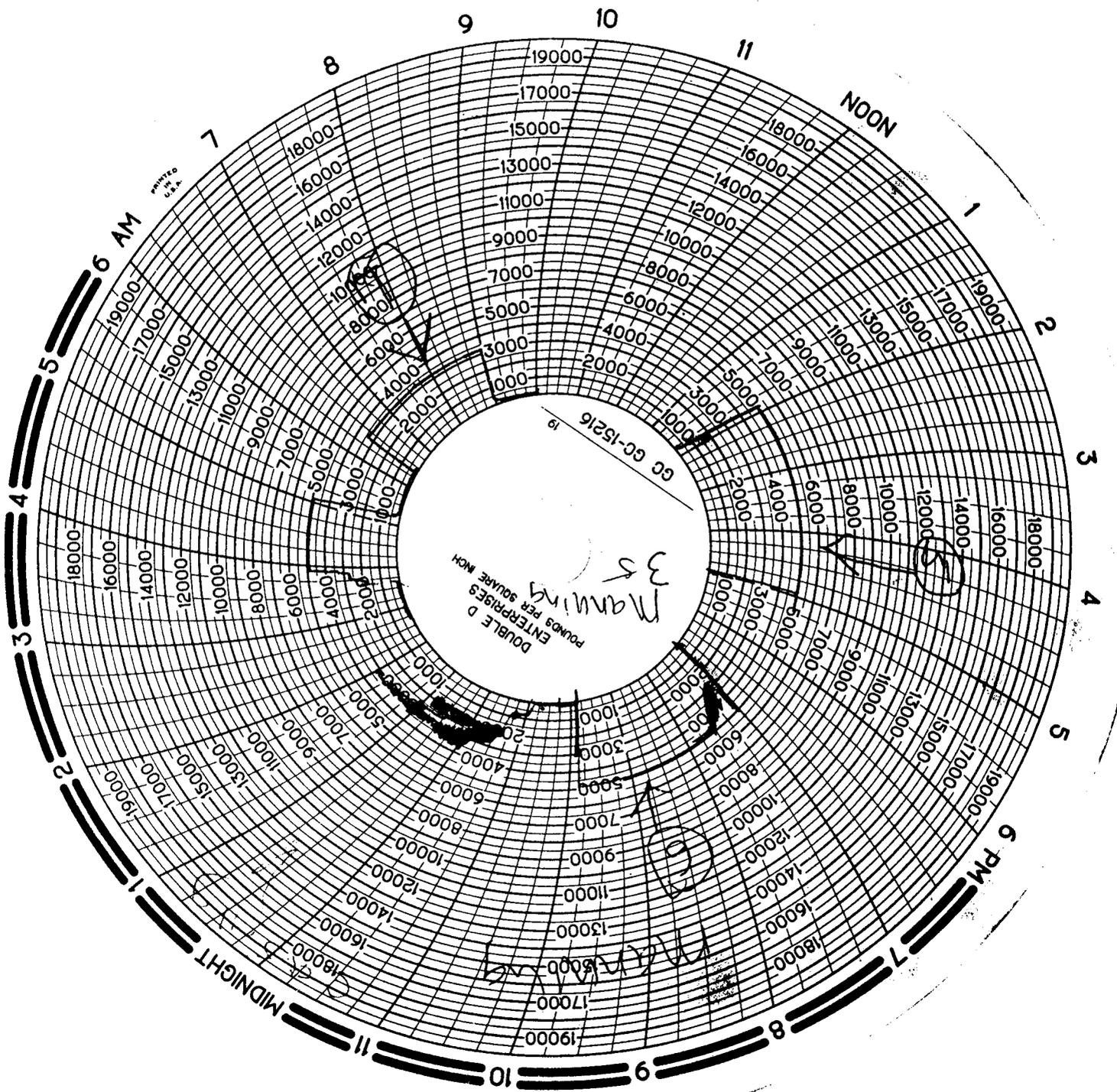




DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

Manning 35
GC GC-15216

PRINTED
U.S.A.



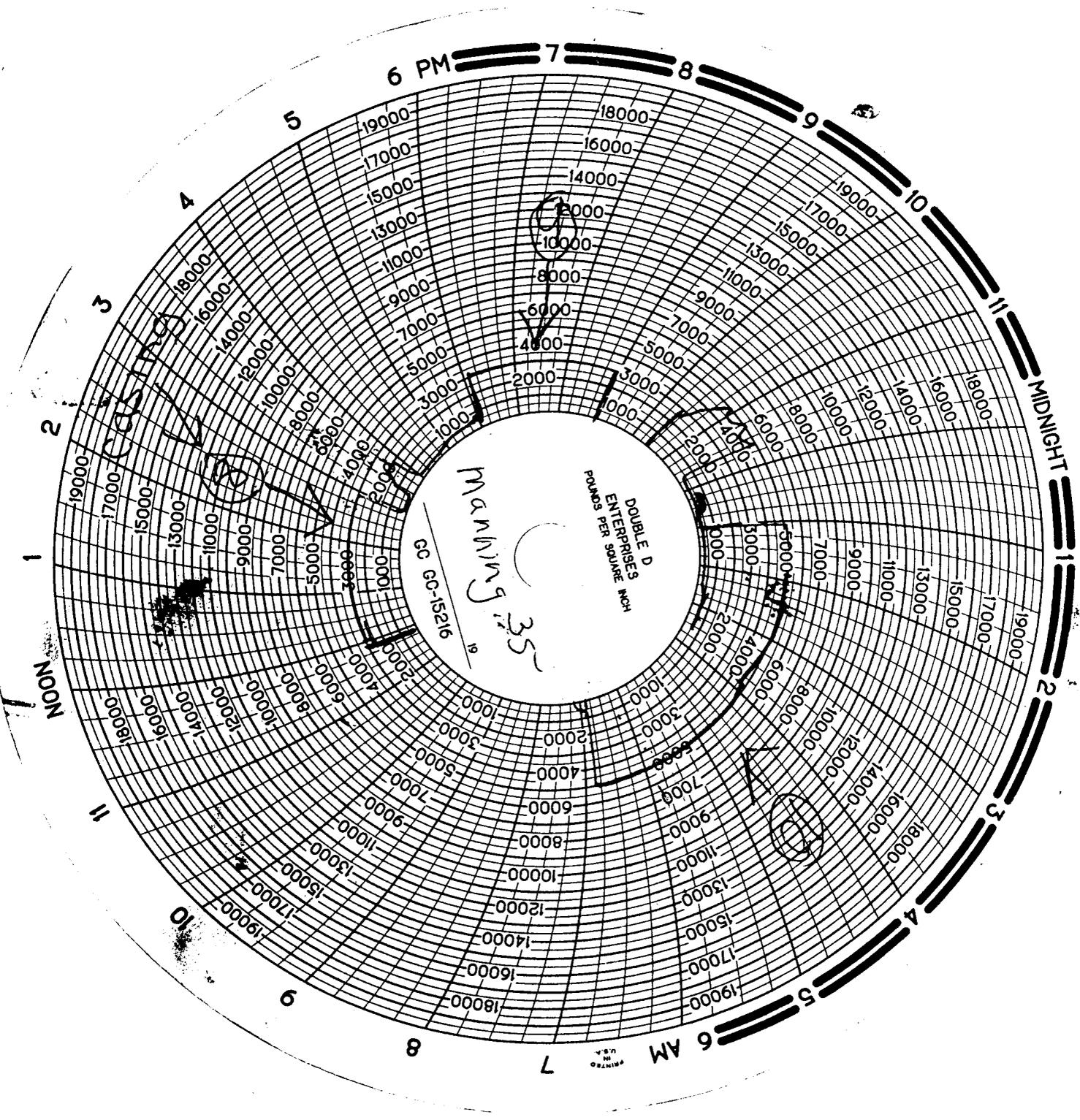
PRINTED
IN
U.S.A.

DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

GC GC-15216

MANNING
35

MANNING
10000



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Amoco Production Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 47' FWL</p> <p>14. PERMIT NO.</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Anschutz Ranch East</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. W30-12A</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E</p> <p>12. COUNTY OR PARISH 13. STATE Summit Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8137 Graded</p>		

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

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

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

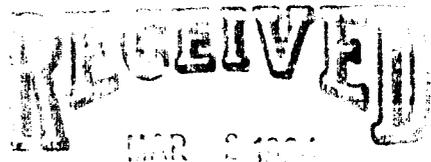
Date: 02/23/84

Total Depth: 12,695

Drilling Contractor: R.L. Manning 35

Spud date: 08/13/83

Bit size: 8.5



DIVISION OF OIL, GAS & MINING

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

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

1886' FSL & 47' FWL

14. PERMIT NO.
43-043-30230

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8137' Graded

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
W30-12A

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 30, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

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

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

Plugged back from 13,540 to 12,975 pumped cement at 5:00 a.m. on 3/14/84.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3/28/84
BY: [Signature]
Verbal app to Juan Gutierrez

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

SIGNED [Signature] TITLE Stf. Admin. Analyst (SG) DATE 3-16-84

(This space for Federal or State office use)

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

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 3-26-84
OIL CO.: AMOCO
WELL NAME & NUMBER A.R.E. 30-12A
SECTION 30
TOWNSHIP 4N
RANGE 8E
COUNTY SUMMIT, UTAH
DRILLING CONTRACTOR MANNING #35

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

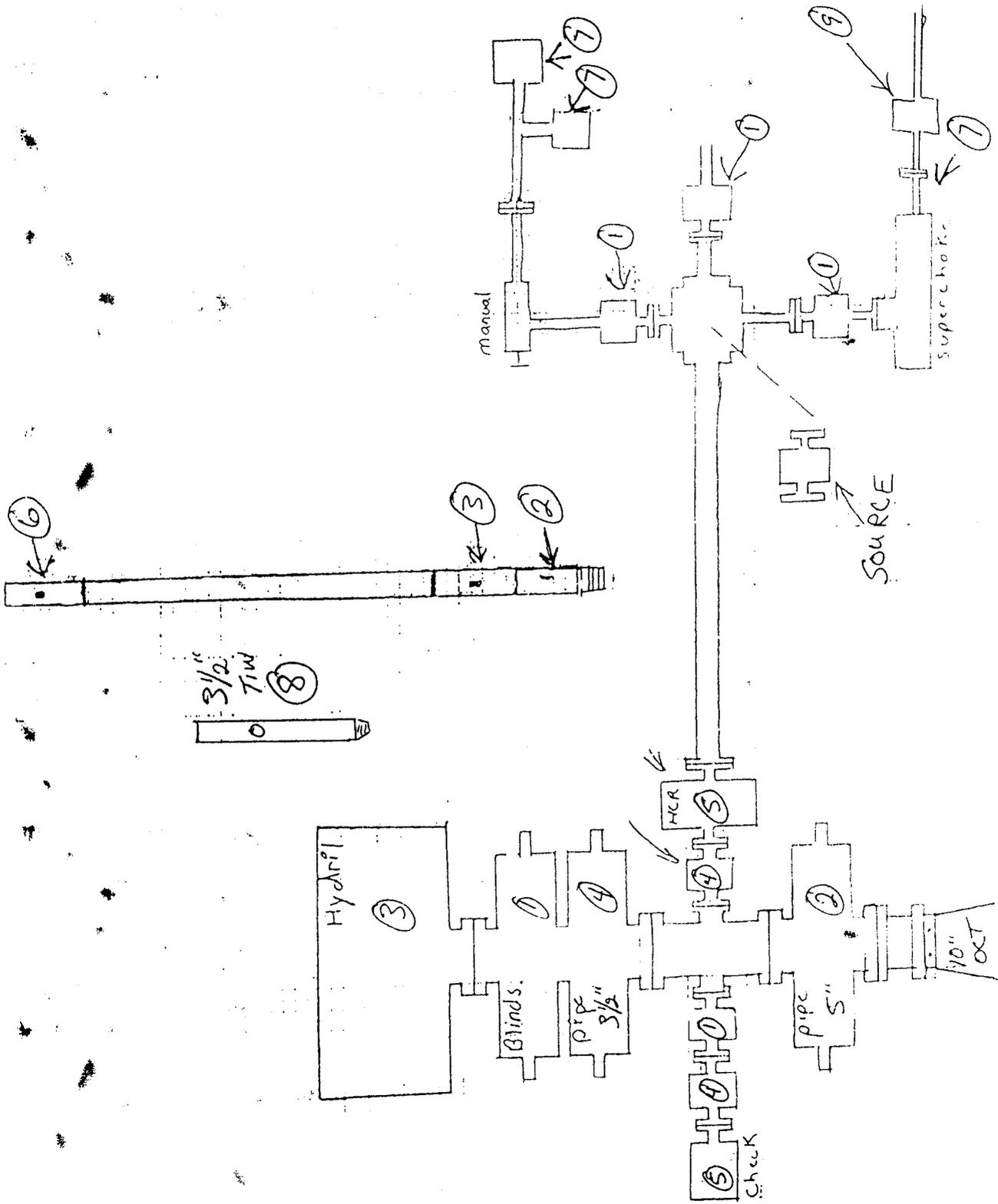
OIL CO. SITE REPRESENTATIVE JIM TRACY & BILL FULTZ
RIG TOOL PUSHER DON & GLEN
TESTED OUT OF EVANSTON

NOTIFIED PRIOR TO TEST:

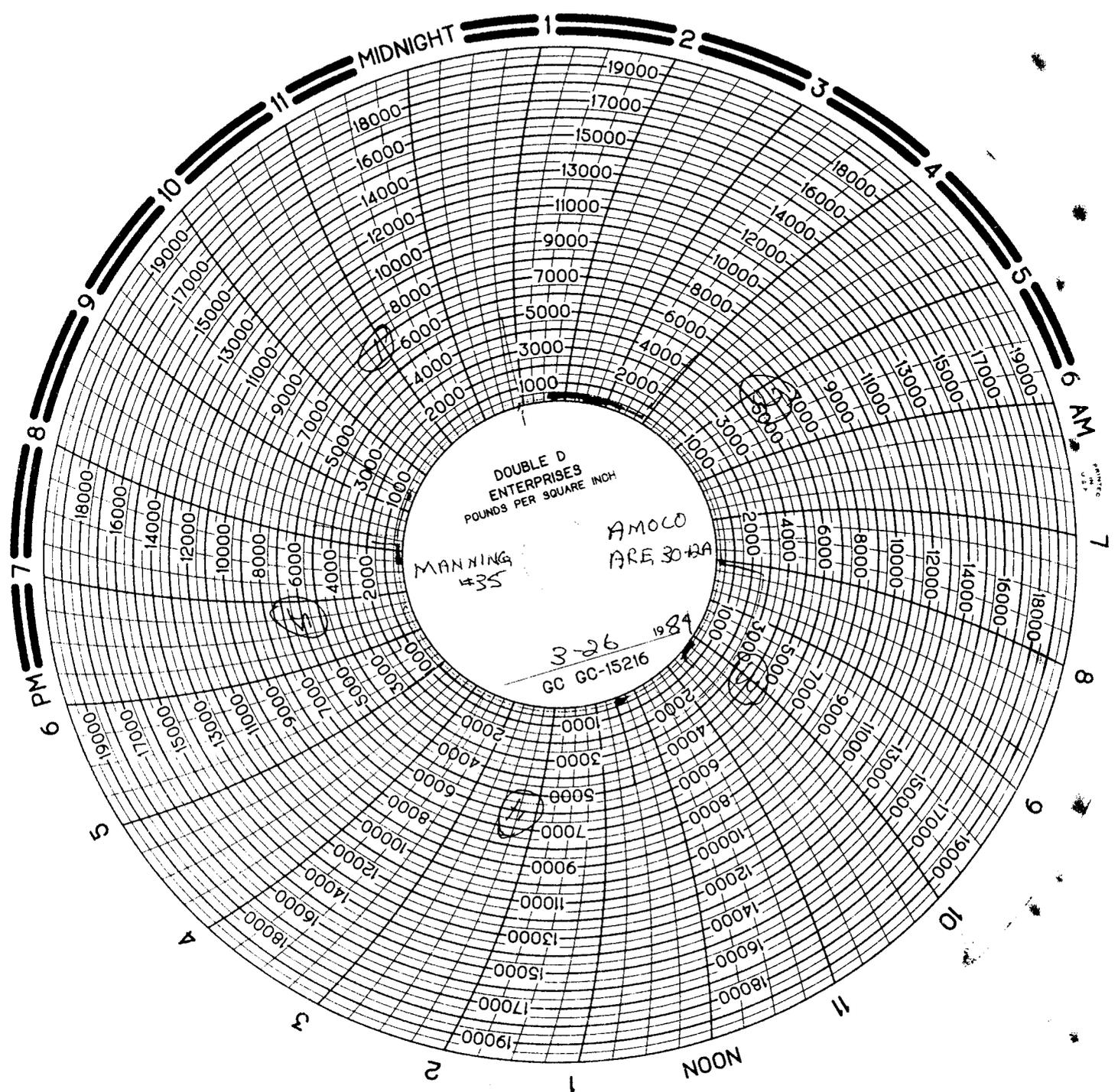
COPIES OF THIS TEST REPORT SENT COPIES TO: UTAH - U.S.G.S.
AMOCO SITE REP.

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

Company		Lease ¹ Well Name #	Date of test	Rig #
AMOCO		A.R.E. 30-12A	3-26-84	MANNING 35
ST #	Time			
	10:00 - 10:30	ARRIVE ON LOCATION, UNLOAD TOOLS, TIE IN MANIFOLD, RIG TOOH. W/COLLARS		
	10:30 - 10:50	PULL WEAR RING & SET PLUG		
	10:50 - 11:00	BLOW BLOW "O" RING ON PLUG		
	11:00 - 11:45	PULL PLUG, REPAIR "O"RING, RESET PLUG		
①	11:45 - 12:00	BLINDS, INSIDE MANUAL KILL, ALL 1ST MANIFOLD		
	12:05 - 12:20	STAB IN PLUG W/JT. 5"		
②	12:20 - 12:35	SAFETY VALVE (TIW) LEAK, WORK VALVE		
RR ②	12:45 - 1:00	BOTTOM PIPES 5", SAFETY VLVE (TIW) 5"		
③	1:05 - 1:20	LOWER KELLY COCK LEAK, WORK VALVE		
RR ③	1:20 - 1:35	HYDRIL, LOWER KELLY COCK		
	1:35 - 2:20	PULL JT. 5", BREAK OUT 5" TEST SUBS, PICK UP 3 1/2", MAKE UP SUBS, STAB IN PLUG		
④	2:20 - 2:35	TOP PIPES 3 1/2", INSIDE MANUAL CHOKE, 2ND KILL		
⑤	2:45 - 3:00	HCR, CHECK VLVE.		
	3:00 - 3:35	PULL PLUG, SET WEAR RING, PICK UP KELLY		
⑥	3:40 - 3:55	LEAK IN UPPER KELLY COCK, WORK VALVE		
RR ⑥	3:55 - 4:05	UPPER KELLY COCK STILL LEAKING, WORK VALVE		
RR ⑥	4:10 - 4:25	UPPER KELLY COCK LOST 200 PSI IN 15 MIN.		
	4:25 - 4:40	RIG DOWN TEST TOOLS FROM FLOOR		
⑦	4:40 - 4:55	SUPERCHOKE, 2ND VLVES, LEFT SIDE OF T BLOCK IN MANIFOLD		
⑧	5:00 - 5:05	NO TEST - LOOSE FLANGE BETWEEN SUPER CHOKE & 2ND MANUAL RIGHT SIDE		
	5:05 - 5:20	MAKE UP TEST SUB ON 3 1/2" TIW ON CATWALK		
⑨	5:20 - 5:35	3 1/2" TIW		
RR ⑧	5:45 - 6:00	2ND MANUAL RIGHT SIDE		
	6:00	SHUT CSG, VLVE, FILL CHOKE LINE WITH METHANOL, LOAD UP TOOLS, TRAVEL HOME		



MANNING # 35
 AMOCO A.R.E. 30-12A
 3-26-84



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

MANNING
#35

AMOCO
ARE 30-BA

3-26-1984
GC GC-15216

UNITED STATES

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 47' FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30230	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8137 Graded	9. WELL NO. W30-12A
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30 T4N R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

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

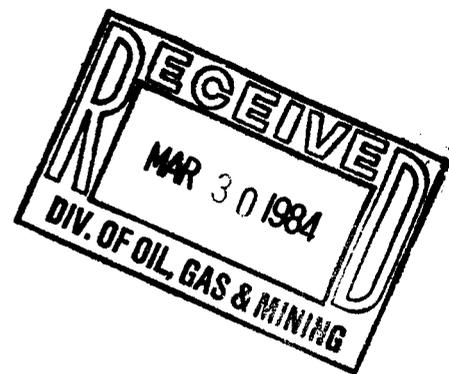
Date: 03/26/84

Total Depth: 13,769'

Drilling Contractor: R.L. Manning 35

Spud date: 08/13/83

Bit size: 6.25"



18. I hereby certify that the foregoing is true and correct
SIGNED J. D. Baye TITLE Administrative Supervisor DATE 3/28/84
(This space for Federal or State office use)

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

DOUBLE "D" ENTERPRISES

RECEIVED

B.O.P. Test Report

MAY 11 1984

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 4-27-84

OIL CO.: Amoco

WELL NAME & NUMBER ARE W30-12A

SECTION 30

TOWNSHIP 4N

RANGE 8E

COUNTY SUMMITT UTAH

DRILLING CONTRACTOR CHAPPARAL WORKOVER #1

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

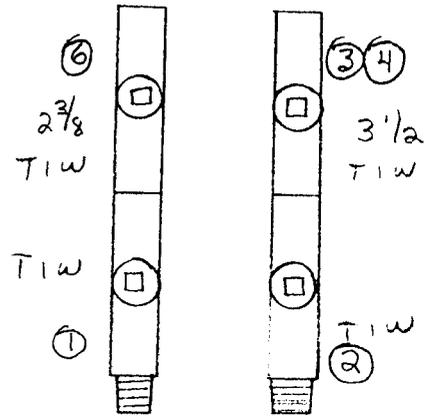
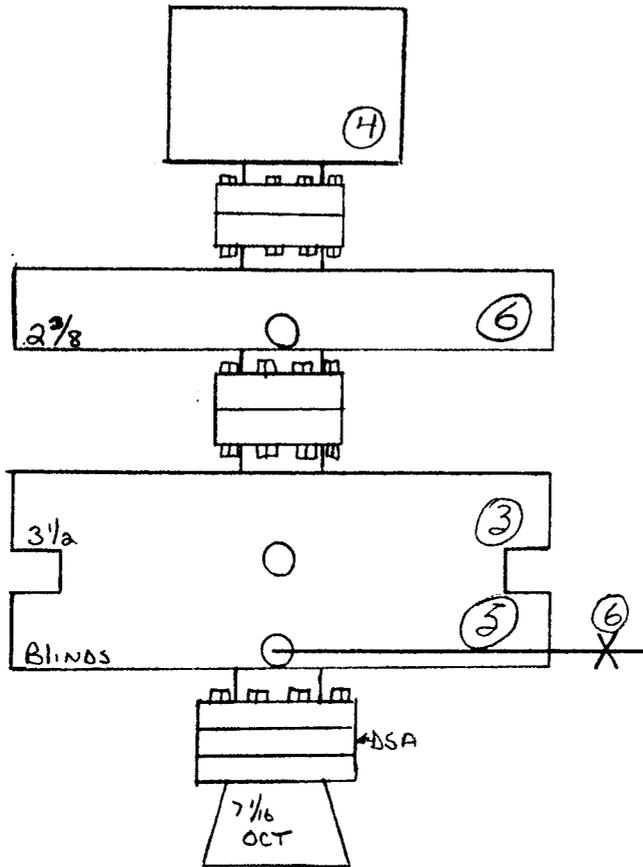
TESTED OUT OF EVANSTON

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: SITE REP
W.D.G.C.
BLM.

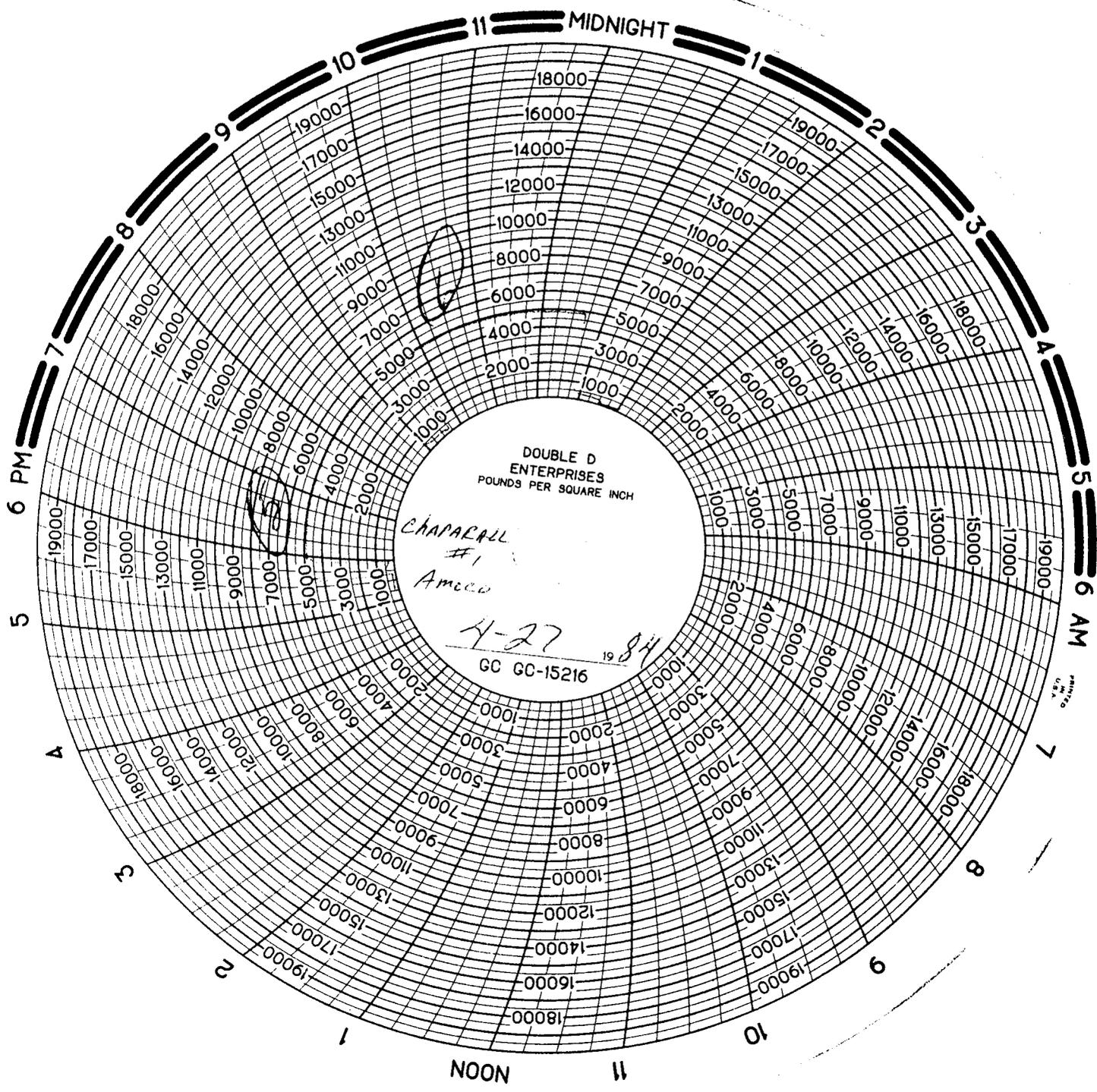
ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

Company		Lease No	Well Name	Date of test	Rig #
Amoco				4-27-84	CHAPARRAL WORKOVER #
Test #	Time	SEE DIAGRAM & ITEMS TESTED			
	11:00 - 12:30	LOAD OUT & TRAVEL TO RIG			
	12:30	CLEAN RING GROOVES - PREP BOLTS - STACK DSA - DOUBLE GATE - SINGLE GATE & HYDRIL			
	3:00	HAMMER UP			
	3:00	RIG UP TO TEST STACK & T.I.W.'S - RIG SETTING			
	3:55	UP KOOMEY & LITE PLANT			
①	3:55 - 4:10	5000 PSI O.K.			
②	4:10 - 4:25	5000 PSI O.K.			
	4:25 - 6:10	NO PIPE ON LOCATION YET - RIG PUTTING FLOOR & BEAVER SLIDE TOGETHER			
	6:10 -	MAKE UP T.I.W. & PLUG - PLUG WOULDN'T GO ALL THE WAY PAST TIE-DOWNS REMOVE TIE DOWNS & V - LOOKS O.K. - TRY PLUG SEVERAL TIMES WITH DIFFERENT RINGS - WITHOUT RINGS - WITH ONLY ONE RING - FINALLY SEATED			
	8:10	ONE RING - FINALLY SEATED			
③	8:30 - 8:35	5000 O.K.			
	8:35 - 8:40	1500 WORK HYDRIL			
④	8:40 - 8:55	1500 HYDRIL O.K.			
	8:55 - 9:05	Pull 3 1/2			
	9:05	BLINDS NO TEST - WORK BLINDS & PRESSURE UP			
	9:20	KOOMEY			
⑤	9:20 - 9:35	5000 BLINDS O.K.			
	9:35 - 9:40	STAB PLUG w/ 2 3/8 PIPE - RAMS SHUT - CLOSE T.I.W.			
⑥	9:40 - 9:55	5000 O.K. 2 3/8 + T.I.W.			
	9:55 -	PULL PLUG - SHUT CSG. VALVE - BREAK DOWN TOOLS & LOAD OUT MAKE OUT TICKET & TRAVEL HOME			



Amoco 4-27-84

CHAPPARA #1



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

CHAPARALL
#1
Amoco

4-27 1984
GC GC-15216

PRINTED
IN U.S.A.

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

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR <u>Amoco Production Company</u></p>		<p>7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u></p>
<p>3. ADDRESS OF OPERATOR <u>P.O. Box 829 Evanston, Wyoming 82930</u></p>		<p>8. FARM OR LEASE NAME <u>Anschutz Ranch East</u></p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1886' FSL & 47' FWL</u></p>		<p>9. WELL NO. <u>W30-12A</u></p>
<p>14. PERMIT NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT <u>Anschutz Ranch East</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>8137' Graded</u></p>		<p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <u>Sec. 30, T4N, R8E</u></p>
		<p>12. COUNTY OR PARISH <u>Summit</u></p>
		<p>13. STATE <u>Utah</u></p>

RECEIVED
MAY 21 1984
 DIVISION OF OIL
 GAS & MINING

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

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

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

Date: 04/17/84

Total depth: 12,975'

Drilling Contractor: R.L. Manning 35

Spud Date: 08/13/83

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

SIGNED *Denis L. Dwyer* TITLE Administrative Supervisor DATE 5/17/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

May 23, 1984

Amoco Production Company
Attn: J. S. Saye
P O Box 829
Evanston, Wyoming 82930

RE: Delinquent Monthly Reports
List of wells attached
April 1984 & May 1984

Dear Mr. Saye:

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 every month until the well is completed. This report may be filed on Form OGC-1b, "Sundry Notices and Reports on Wells". We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CLJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM
Ronald J. Firth, DOGM

Well No. Champlin 185 A#1
API #43-043-30188
Sec. 1, T. 3N, R. 7E.
Summit County, Utah

Well No. Thousand Peaks Ranches E#1
API #43-043-30241
Sec. 18, T. 3N, R. 8E.
Summit County, Utah

Well No. Champlin 187 A#1
API #43-043-30245
Sec. 25, T. 4N, R. 7E.
Summit County, Utah

Well No. Anschutz Ranch East W36-10
API #43-043-30227
Sec. 36, T. 4N, R. 7E.
Summit County, Utah

Well No. Island Ranching E#3 (W36-14)
API #43-043-30255
Sec. 36, T. 4N, R. 7E.
Summit County, Utah

Well No. Anschutz Ranch East W20-04
API #43-043-30238
Sec. 20, T. 4N, R. 8E.
Summit County, Utah

Well No. Anschutz Ranch East W30-12A
API #43-043-30230
Sec. 30, T. 4N, R. 8E.
Summit County, Utah

Amoco #APE
W30-12A

CHECKLIST FOR INJECTION WELL APPLICATION

BH = 2007 PSL 1460 PSL
SL = 1886 PSL 47 PSL

nwnw?

Surface + BH location?

UIC Forms

Plat

✓

Surface Owners and Lease Holders

✓

Schematic Diagram

✓

Frac Gradient Information

?

Pressure and Rate Control

✓

Fluid Source

✓

Analysis of Injected Fluid

✓ NA

Geologic Information

✓

USDW in the Area

✓

Analysis of Injected Formation

✓ NA

Contingency Plans

✓

Mechanical Integrity Test

✓

Aquifer Exemption

✓

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW
 * * * * *

Operator: Amoco Prod. Co. Well No. W30-12A

County: Summit T 4N R 8E Sec. 30 API# 43-043-30248

New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Gas + Nitrogen</u>	
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <input type="checkbox"/>
Analysis of Water in Formation to be injected into	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	TDS <input type="checkbox"/>
Known USDW in area	<u>Fracture</u>	Depth <u>2115'</u>
Number of wells in area of review	<u>1</u> Prod. <u>1</u> P&A <input type="checkbox"/>	Water <input type="checkbox"/> Inj. <input type="checkbox"/>
Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	Date <u>8/84</u> ?	Type <u>PT</u>

Comments: _____

Reviewed by: [Signature]



Amoco Production Company

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

T. G. Doss
District Manager

RECEIVED

May 21, 1984

MAY 25 1984

**DIVISION OF OIL
GAS & MINING**

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

File: VEP-297-WF

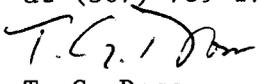
Injection Well Application
ARE W30-12A
Anschutz Ranch East
Summit County, Utah

As requested by C. B. Feight (January 24, 1984), the following application for an Underground Injection Control Class II Well is submitted for your review and approval. The Anschutz Ranch East W30-12A well is the ninth 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 W30-12A well.

Amoco Production Company has reviewed Rule I, 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 on March 14, 1983, 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

EWB/sw

Attachments

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

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

IN THE MATTER OF THE APPLICATION OF
Amoco Production Company, USA
ADDRESS P.O. Box 829
Evanston, Wyoming ZIP 82930
INDIVIDUAL PARTNERSHIP CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE ARE (30-12)A WELL
SEC. 30 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
DISPOSAL WELL
LP GAS STORAGE
EXISTING WELL (RULE 1-4)

43093 3270

APPLICATION

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

Lease Name UPRR 32-1 Well No. ARE W30-12A Field Anschutz Ranch East County Summit
Location of Enhanced Recovery Injection or Disposal Well NW NE Sec. 30 Twp. 4N Rge. 8E
New Well To Be Drilled Yes No Old Well To Be Converted Yes No Casing Test Yes No Date 1/84
Depth-Base Lowest Known Fresh Water Within 1/2 Mile 2115' Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES NO State What Gas
Location of Injection Source(s) Nitrogen extraction plant Uinta County, Wyoming Geologic Name(s) and Depth of Source(s) Nitrogen extraction via atmosphere
Geologic Name of Injection Zone Nugget Depth of Injection Interval 14,380 to 14,546
a. Top of the Perforated Interval: 14,300 b. Base of Fresh Water: 2115 c. Intervening Thickness (a minus b) 12,185'
Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) (NO)
Lithology of Intervening Zones Gannet (Clay stone); Preuss (sandstone/shale); Salt; Twin Creek (lime stone)
Injection Rates and Pressures Maximum 50 MMSCFD B/D 6100 psi PSI
The Names and Addresses of Those to Whom Notice of Application Should be Sent.
All interest owners in Anschutz Ranch East are members of a unit agreement.

State of Wyoming
County of Uinta

Amoco Production Company Applicant TG Idon

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

Subscribed and sworn to before me this 21st day of May, 19 84
My commission expires 2-11-86
NOTARY PUBLIC

Marilyn S. Lewis
Notary Public in and for Uinta

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

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

IN THE MATTER OF THE APPLICATION OF
Amoco Production Company, USA
 ADDRESS P.O. Box 829
Evanston, Wyoming ZIP 82930
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE (30-12)A WELL
 SEC. 30 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

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

Surfaces location = 1886 FSL 47' FWL

APPLICATION Bottom hole loc. = 2807 FSL
 1460 FWL

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

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

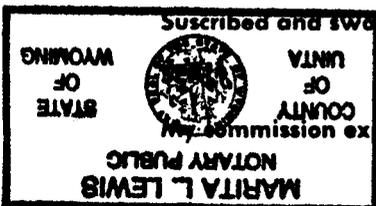
Surface location

Lease Name <u>UPRR 30-1</u>	Well No. <u>ARE W30-12A</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NW NE</u>		Sec. <u>30</u>	Twp. <u>4N</u> Rge. <u>8E</u>
New Well To Be Drilled Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>1/84</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2115'</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
Location of Injection Source(s) <u>Nitrogen extraction plant Uinta County, Wyoming</u>	Geologic Name(s) and Depth of Source(s) <u>Nitrogen extraction via atmosphere</u>		
Geologic Name of Injection Zone <u>Nugget</u>	Depth of Injection Interval <u>14,380 to 14,546</u>		
a. Top of the Perforated Interval: <u>14,300</u>	b. Base of Fresh Water: <u>2115</u>	c. Intervening Thickness (a minus b) <u>12,185'</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 (lime stone)</u>			
Injection Rates and Pressures Maximum <u>50</u> MMSCFD <u>6100</u> psi B/D PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of a unit agreement.</u>			

State of Wyoming
 County of Uinta

Amoco Production Company
 Applicant T.G. Jones

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



Subscribed and sworn to before me this 21st day of May, 19 84
Marita L. Lewis
 Notary Public in and for Uinta County

(OVER)

(To be filed within 30 days after drilling is completed)

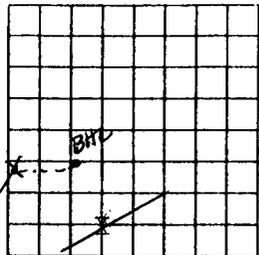
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY
LEASE NO.

API NO. _____

640 Acres
N



COUNTY Summit SEC. 30 TWP. 4N RGE. 8E
COMPANY OPERATING Amoco Production Company
OFFICE ADDRESS P.O. Box 829
TOWN Evanston STATE ZIP WY 82930
FARM NAME Anschutz WELL NO. 30-12A
DRILLING STARTED 8/13 1983 DRILLING FINISHED 4/30 1984
DATE OF FIRST PRODUCTION N/A COMPLETED 4/30/84
WELL LOCATED 1/4 NW 1/4 NE 1/4
2200 FT. FROM SL OF 1/4 SEC. & 1200 FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 8159 GROUND 8137

Locate Well Correctly
and Outline Lease

TYPE COMPLETION

Single Zone X
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Nugget	14,300	14,800			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Pal	Sax	Fillup	Top
13-3/8"	72#	6147			5650		
9-5/8"	53.5#	10,095			2000		
10-5/8"	101.4#	1154					
7-5/8"	39#	1225			310		
7"	32#	11,742					
5"	17.9#	3773					
PACKERS SET					TOTAL DEPTH	<u>14,800'</u>	
DEPTH <u>11,086' PBR</u>					<u>75</u>		

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

1 2 3

FORMATION	Nugget		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	14,380-14,564		
INTERVALS			
ACIDIZED?	No		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Date	5/11/84		
Oil, bbl./day	960		
Oil Gravity	49		
Gas, Cu. Ft./day	3100000	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	3230		
Water-Bbl./day	133		
Pumping or Flowing	Flowing		
CHOKE SIZE	30/64		
FLOW TUBING PRESSURE	1120 psi		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

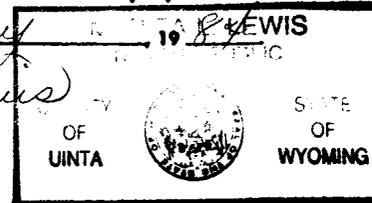
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone _____ T.G. Idon
Name and title of representative of company

Subscribed and sworn before me this 21st day of May, 1984 at WY

2-11-86

Marita L. Lewis



LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

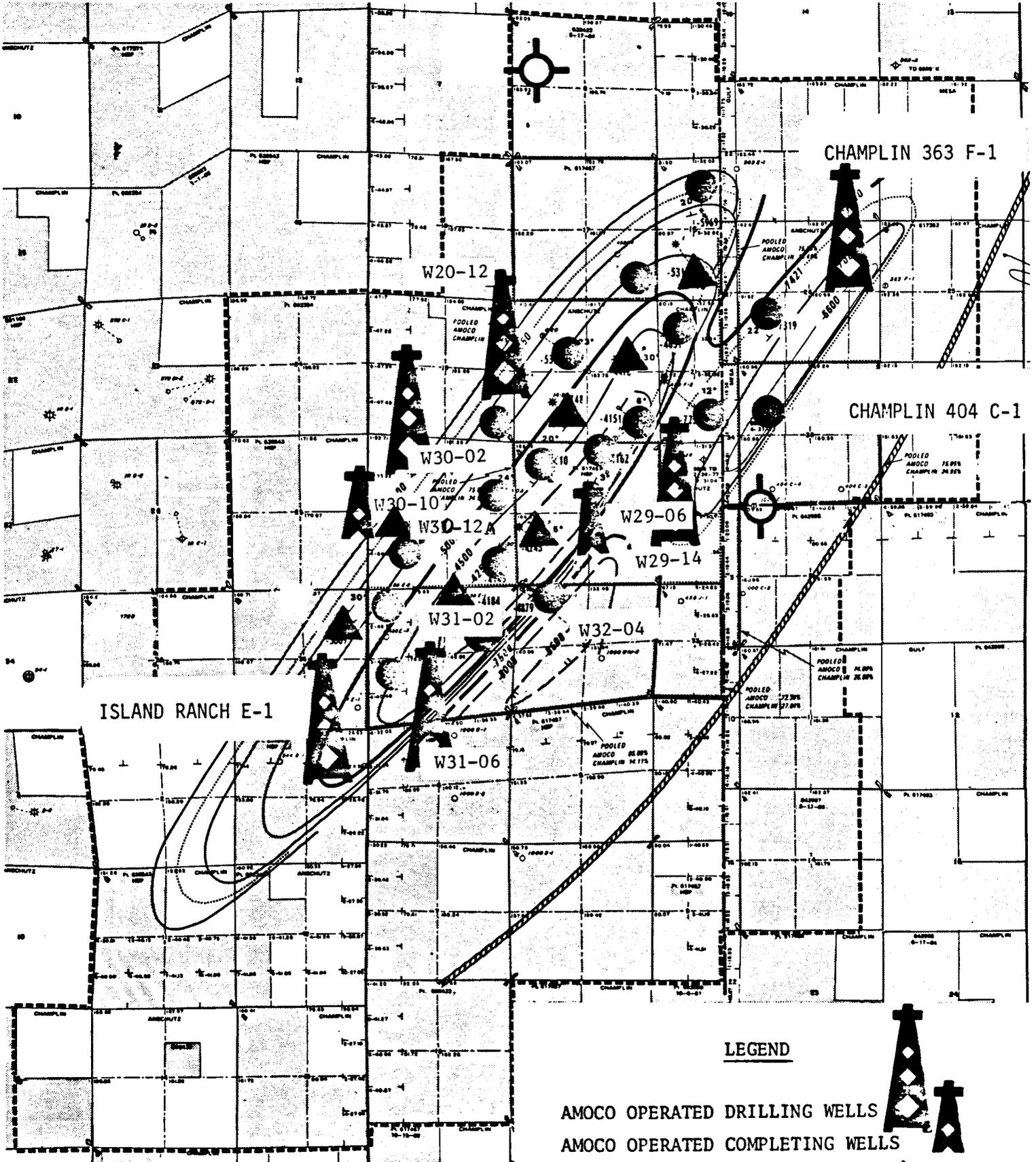
FORMATION PRESSURE TESTING

MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

ANSCHUTZ RANCH EAST



LEGEND

- AMOCO OPERATED DRILLING WELLS 
- AMOCO OPERATED COMPLETING WELLS 
- AMOCO OPERATED INJECTION WELLS 
- AMOCO OPERATED GAS WELLS 
- SURFACE LOCATION 
- BOTTOM HOLE LOCATION 

ANSCHUTZ RANCH EAST

Surface Owners Within One-half Mile of the W30-12A Injection Well

Amoco Operates All the Wells in the Field

<u>WELL</u>	<u>TYPE</u>	<u>TOTAL DEPTH</u>	<u>SURFACE OWNERS</u>
W30-14	Producing	14,110'	Anschutz - Sec. 30
W30-10	Producing	13,776'	Anschutz - Sec. 30
W30-15	Injection	13,694'	Anschutz - Sec. 30

INJECTION

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

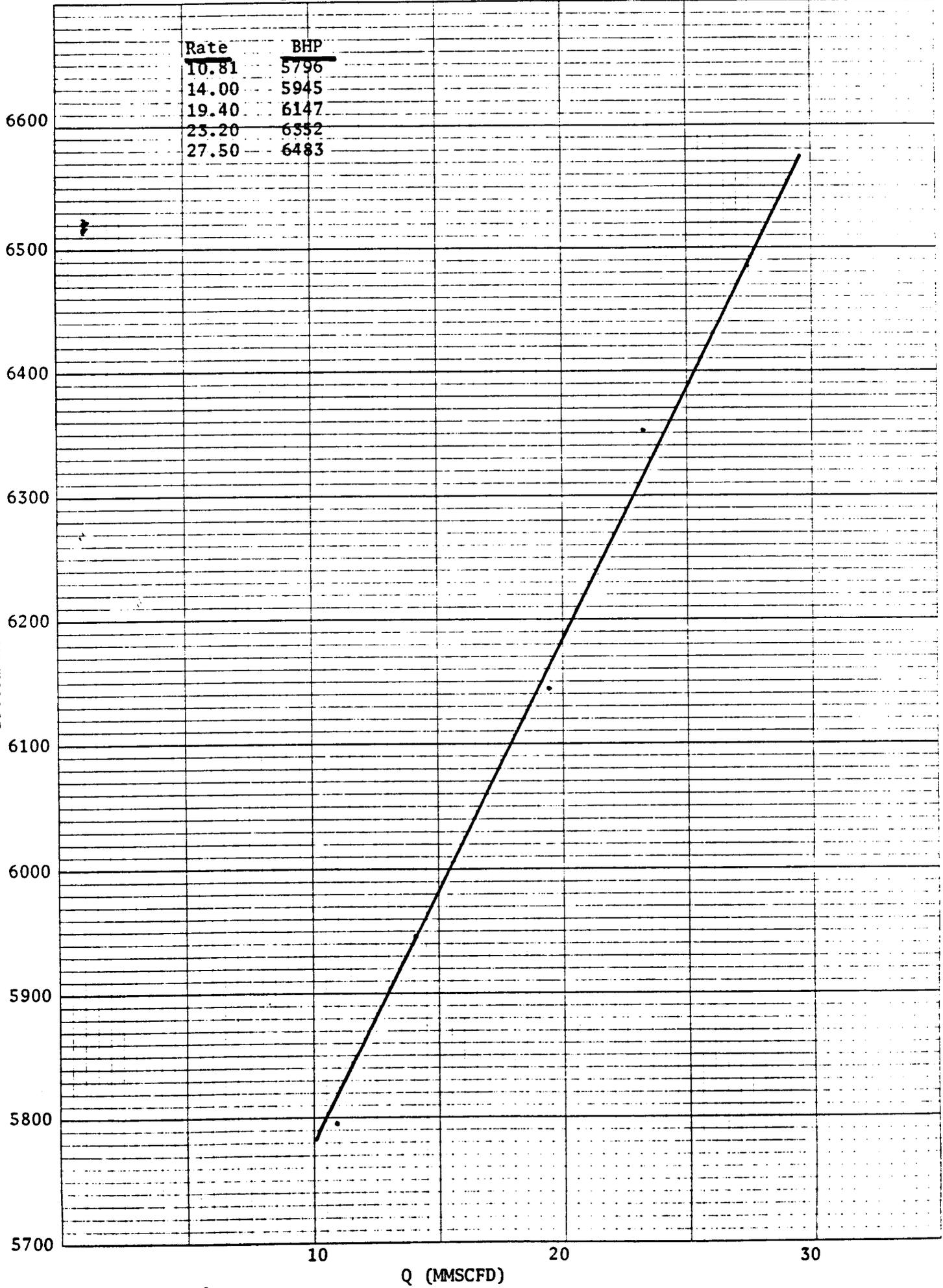
A step-rate test was conducted from March 15 to March 19, 1982 on the ARE 36-08 in the Nugget Formation. 100% nitrogen was used for the test. Rates went from 10.8 MMSCFD at a wellhead pressure of 4254 psi (BHP = 5796 psi) to 27.5 MMSCFD at a wellhead pressure of 6110 psi (BHP = 6483 psi). A linear plot of rate versus pressure gives no substantial indication that the Nugget was fractured.

Rate	BHP
10.81	5796
14.00	5945
19.40	6147
25.20	6352
27.50	6483

46 0700

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

Bottom Hole Pressure



Q (MSCFD)

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)

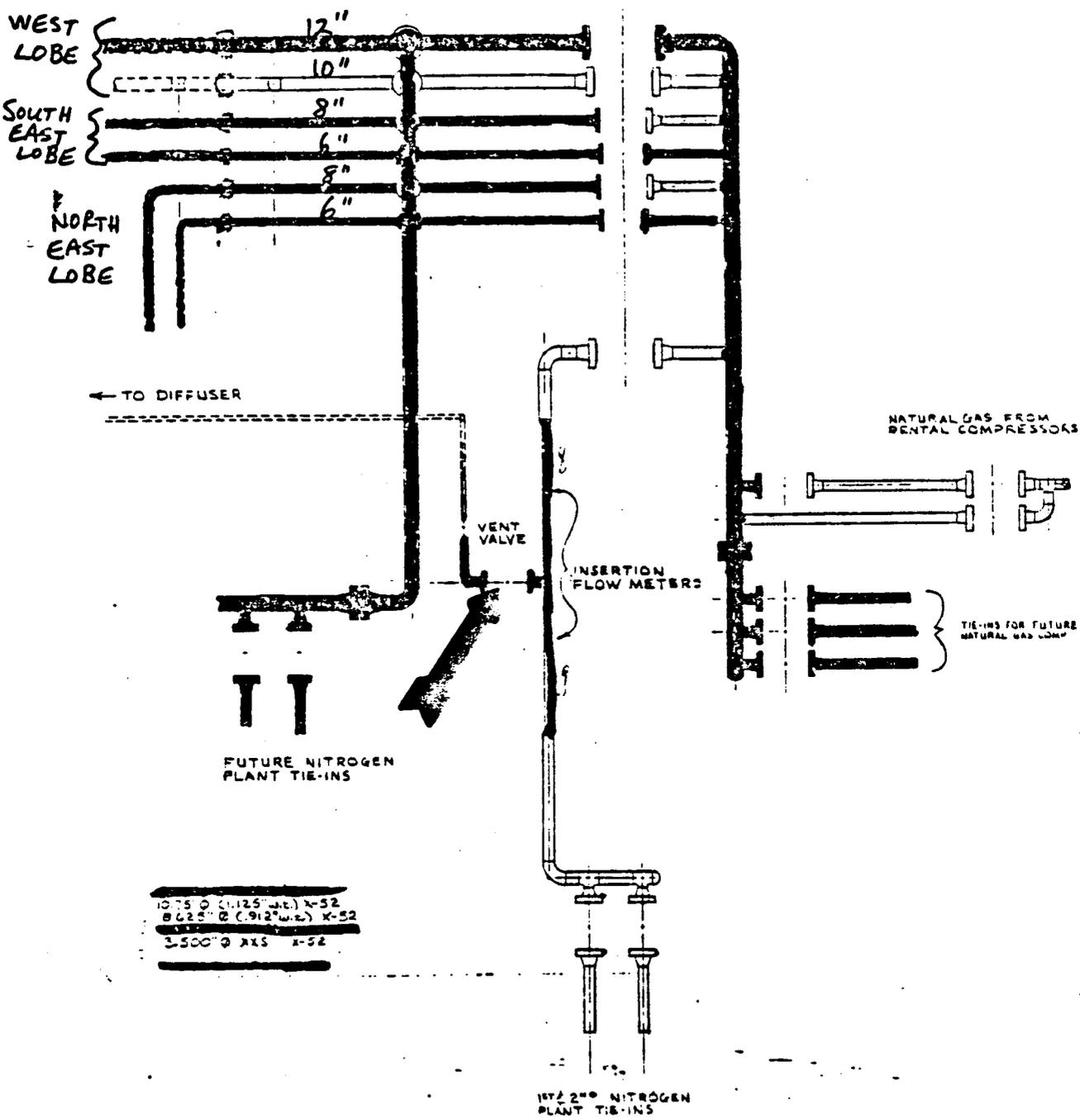
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

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

Contingency Plan

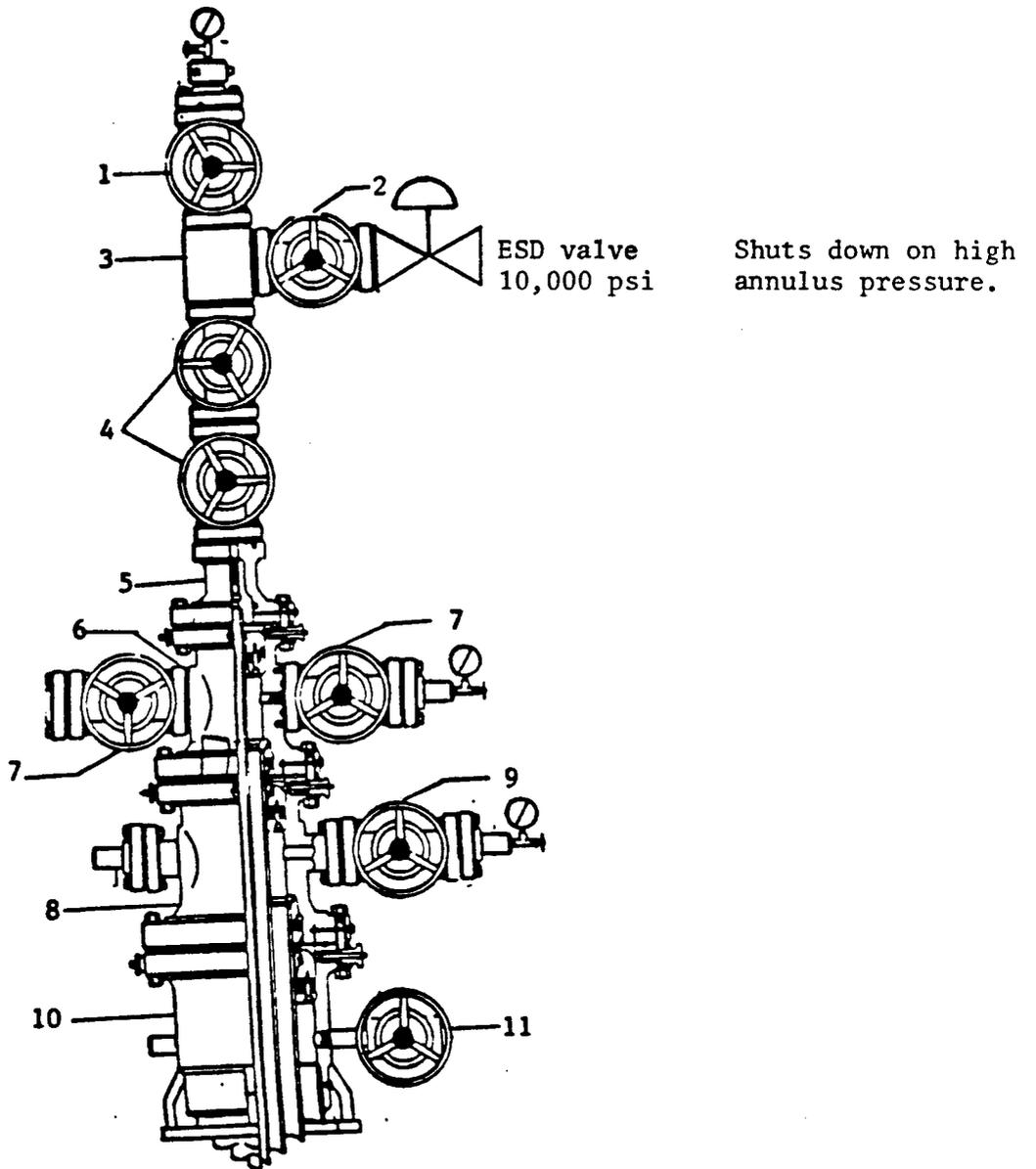
1. If high pressure shutdown occurs, the problem will be identified, the well shut-in, the high pressure will be bled off, and repair work will commence.



1075 Ø (4.125" W.D.) X-52
8625 Ø (9.125" W.D.) X-52
3-500 Ø AXS X-52

1ST 2" NITROGEN PLANT TIE-INS

ARE Missing Station
Scale - 1/4" = 1'
02.0000 011



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 bottom-hole pressure monitoring program is being conducted on all wells in the Anschutz Ranch East Field. Tests will be conducted on all completed wells on a quarterly basis. The types of tests being run are buildups, falloffs, static gradient surveys, and occasionally special tests such as step-rate tests will be conducted.

Continuous monitoring of produced fluids is being undertaken. An automated gas-chromatograph system is operational which samples all producing wells approximately twenty times per day. This is to determine if breakthrough of nitrogen has occurred and if corrosive conditions are present.

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 W30-12A - Operating Data

Twin Creek

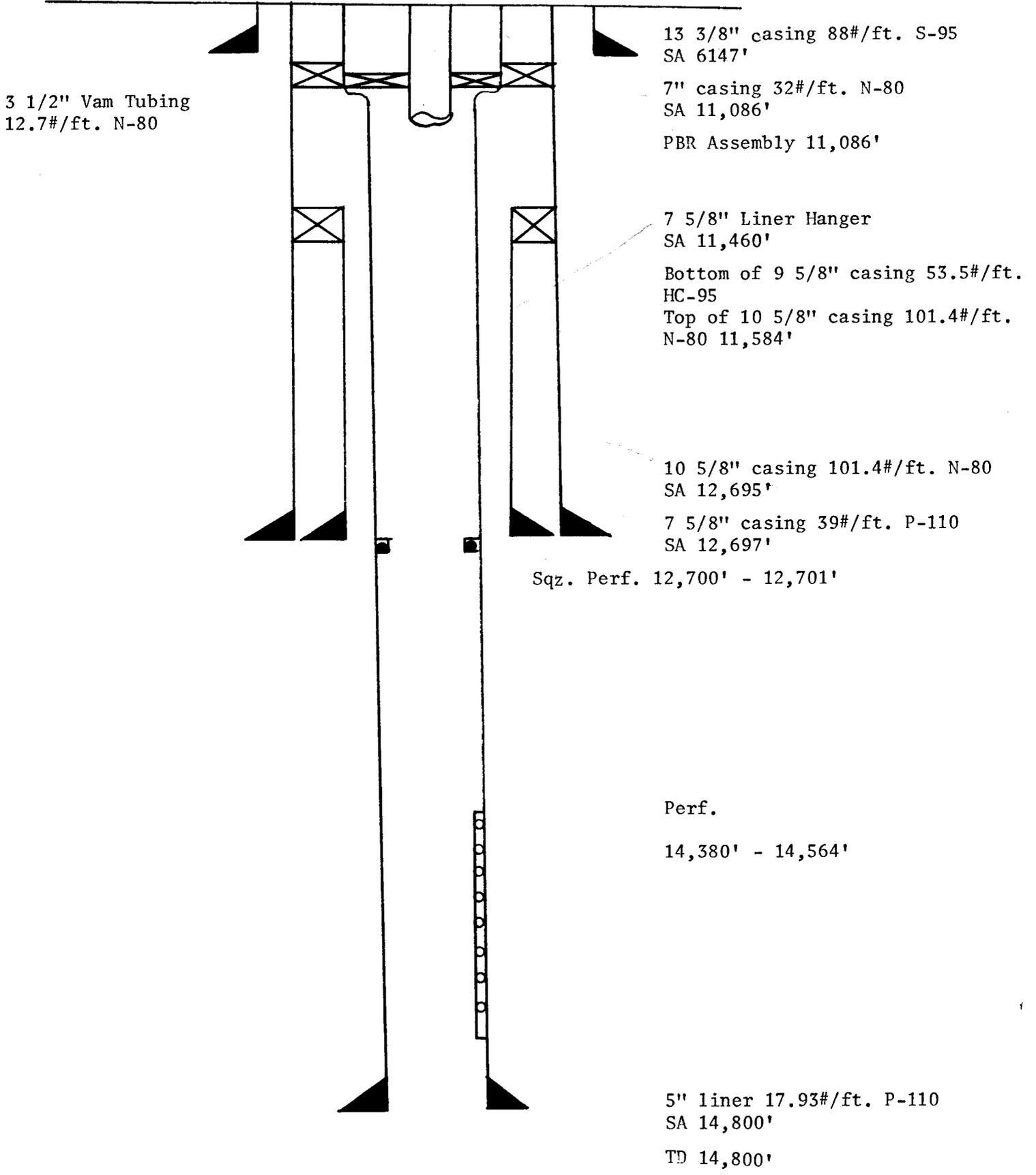
lithology - limestone
thickness - 1,724'
top - 12,624'

Nugget

lithology - sandstone
thickness - 434'
top - 14,366'

Anschutz Ranch East
Wellbore Diagram
W30-12A

2200' FSL, 1200' FEL, SE SW Sec. 30, T4N R8E Summit County, Utah 8159' KB, 8137' GL



3 1/2" Vam Tubing
12.7#/ft. N-80

13 3/8" casing 88#/ft. S-95
SA 6147'

7" casing 32#/ft. N-80
SA 11,086'

PBR Assembly 11,086'

7 5/8" Liner Hanger
SA 11,460'

Bottom of 9 5/8" casing 53.5#/ft.
HC-95

Top of 10 5/8" casing 101.4#/ft.
N-80 11,584'

10 5/8" casing 101.4#/ft. N-80
SA 12,695'

7 5/8" casing 39#/ft. P-110
SA 12,697'

Sqz. Perf. 12,700' - 12,701'

Perf.

14,380' - 14,564'

5" liner 17.93#/ft. P-110
SA 14,800'

TD 14,800'

Cement Bond Log Evaluation of Anschutz Ranch East

ARE W30-12A Injection Well

Excellent cement bond from TD to 14,100 ft.
(across the Nugget and into the Twin Creek)

Fair bond from 13,826' to 13,770' (Twin Creek)

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO PRODUCTION

WELL NAME: W 30-12A

SECTION: NWNW 30 TOWNSHIP 4N RANGE 8E COUNTY: SUMMIT

DRILLING CONTRACTOR: _____

RIG # _____

BOP TEST: DATE: 2-2884

TIME: MORNING

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: Jim Tracy

TELEPHONE NO. 789-2291

DATE: 2-2-84 SIGNED AS



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

June 5, 1984

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

RE: UIC-039

Gentlemen:

Attached hereto is a Notice of Application for 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 13th day of June. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

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

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Marjorie L. Larson
for

MARJORIE L. LARSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

June 5, 1984

Park Record
Legal Advertizing
Park City, Utah 84060

RE: UIC-039

Gentlemen:

Attached hereto is a Notice of Application for 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 13th day of June. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

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

Very truly yours,

DIVISION OF OIL, GAS AND MINING

MARJORIE L. LARSON
Administrative Assistant

UIC-039

Sent to the following:

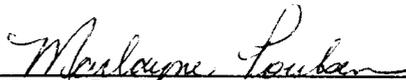
Newspaper Agency
Park Record

Utah State Department of Health
Water Pollution Control
ATTN; Jerry Riding
150 W.N. Temple
Salt Lake City, Utah

U.S. Environmental Protection Agency
1860 Lincoln Street
ATTN: Mike Strieby
Denver, Colorado 80295

Bureau of Land Management
Branch of Fluid Minerals
U-(922)
University Club Building
136 East South Temple
Salt Lake City, Utah 84111
% Ed Gwynn

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


June 5, 1984

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-039
OF AMOCO PRODUCTION COMPANY, :
U.S.A., FOR ADMINISTRATIVE :
APPROVAL TO INJECT GAS INTO WELL :
NO. ARE W30-12A, SECTION 30, :
TOWNSHIP 4 NORTH, RANGE 8 EAST, :
SUMMIT COUNTY, UTAH :

---ooOoo---

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

Notice is hereby given that Amoco Production Company, U.S.A., P.O.
Box 829, Evanston, Wyoming 82930, has requested administrative approval
from the Division to convert the No. ARE W30-12A well located in the
NW1/4 SW1/4, Section 30, Township 4 North, Range 8 East, Summit County,
Utah to a gas injection well as follows:

INJECTION INTERVAL: Nugget Formation 14,380 to 14,546
MAXIMUM INJECTION PRESSURE: 6100 psi
MAXIMUM INJECTION RATE: 50 MMSCFD

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

DATED this 1st day of June, 1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. LARSON
Administrative Assistant

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF COMMENCEMENT (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/Termination

6/16/84

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name ARE W30-12A

Location: Section 30 Twp. 4N Rng. 8E County Summit

Order No. authorizing Injection Cause No. UIC-039 Date 6/25/84

Zone into Which Fluid Injected ~~7~~ Nugget

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Amoco Production Company

Address P.O. 829, Evanston, Wyo 82930

JAN 14 1985

OIL, GAS & MINING

Vern E. Proctor District Engineer
Signature

January 10, 1985
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

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

SUBM. 4 TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1886' FSL & 47' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
8137' Graded

RECEIVED

JUN 20 1984

DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
W30-12A

10. FIELD AND FOOT, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 30, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

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

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

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

Date: 06/15/84

Total depth: 14,698'

Drilling Contractor: R.L. Manning 35

Spud Date: 08/13/83

Finished Hydrotest

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

SIGNED *Deane L. Dwyer* TITLE Administrative Supervisor DATE 6/15/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

June 25, 1984

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

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-039 - Well No. W30-12A
- Sec. 30, T4N, R8E, Summit County, Utah.

Administrative approval is hereby granted to convert the above referenced well to an enhanced recovery gas injection well. 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, appearing to read "Dianne R. Nielson".

Dianne R. Nielson
Director

DN/GH/mfp
010

PROOF OF PUBLICATION

RECEIVED

JUN 29 1984

DIVISION OF OIL
GAS & MINING



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

I, Mary Balliette

being first duly sworn, depose and say that I am the _____

Receptionist of The Park Record, a week-
ly newspaper of general circulation, published once each week at
Park City, Utah, that the notice attached hereto and which is a

UIC-039

was published in said newspaper for one con-
secutive issues, the first publication having been made on the
14th day of June, 1984, and the last
on the 14th day of June, 1984, that said
notice was published in the regular and entire issue of every number
of the paper during the period and times of publication, and the same
was published in the newspaper proper and not in any supplement.

Mary Balliette

Subscribed and sworn to before me this 28 day of

June, 1984.

Jean Davis
Notary Public

My commission expires October 17th, 1987.

LEGAL NOTICE
BEFORE THE DIVISION
OF OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-039
IN THE MATTER OF
THE APPLICATION OF
AMOCO PRODUCTION
COMPANY, U.S.A., FOR
ADMINISTRATIVE AP-
PROVAL TO INJECT GAS
INTO WELL NO. ARE W30-
12A, SECTION 30, TOWN-
SHIP 4 NORTH, RANGE 8
EAST, SUMMIT COUNTY,
UTAH.

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

Notice is hereby given
that Amoco Production
Company, U.S.A., P.O. Box
829, Evanston, Wyoming
82930, has requested ad-
ministrative approval from
the Division to convert the
No. ARE W30-12A well
located in the NW1/4
SW1/4, Section 30, Town-
ship 4 North, Range 8
East, Summit County,
Utah to a gas injection
well as follows:

INJECTION INTERVAL:
Nugget Formation 14,380
to 14,546.

MAXIMUM INJECTION
PRESSURE: 6100 psi.

MAXIMUM INJECTION
RATE: 50 MMSCFD.

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

DATED this 1st day of
June, 1984.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. LARSON
Administrative Assistant
Published in the Park
Record on June 14, 1984.

Affidavit of Publication

JUN 29 1984

STATE OF UTAH,
County of Salt Lake

ss.

DIVISION OF OIL
GAS & MINING

..... Cheryl Gierloff

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-039

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, U.S.A., FOR ADMINISTRATIVE APPROVAL TO INJECT GAS INTO WELL NO. ARE W30-12A, SECTION 30, TOWNSHIP 4 NORTH, RANGE 8 EAST, SUMMIT COUNTY, UTAH.

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

Notice is hereby given that Amoco Production Company, U.S.A., P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval from the Division to convert the No. ARE W30-12A well located in the NW1/4 SW1/4, Section 30, Township 4 North, Range 8 East, Summit County, Utah to a gas injection well as follows:

INJECTION INTERVAL:
Nugget Formation 14,380 to 14,546

MAXIMUM INJECTION PRESSURE:
2000 psi

MAXIMUM INJECTION RATE:
500 SCFD

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

DATED this 1st day of June, 1984.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. LARSON
Administrative Assistant

E-88

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-039 - Application of AMOCO

..... Production Co., USA

..... was published in said newspaper on

..... June 13, 1984

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 27th day of

..... June A.D. 19⁸⁴

.....
Notary Public

My Commission Expires

..... March 1, 1988



Affidavit of Publication

RECEIVED

ADM-358

JUN 29 1984

DIVISION OF OIL GAS & MINING

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 CASE NO. UIC-039 IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, U.S.A., FOR ADMINISTRATIVE APPROVAL TO INJECT GAS INTO WELL NO. ARE W30-12A, SECTION 30, TOWNSHIP 4 NORTH, RANGE 8 EAST, SUMMIT COUNTY, UTAH. THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER. Notice is hereby given that Amoco Production Company, U.S.A., P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval from the Division to convert the No. ARE W20-12A well located in the NW 1/4 SW 1/4, Section 30, Township 4 North, Range 8 East, Summit County, Utah to a gas injection well as follows: INJECTION INTERVAL: Nugget Formation 14,380 to 14,546. MAXIMUM INJECTION PRESSURE: 66100 psi. MAXIMUM INJECTION RATE: 50 MMSCFD. 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: Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114. DATED this 1st day of June, 1984. STATE OF UTAH DIVISION OF OIL, GAS AND MINING MARJORIE L. LARSON Administrative Assistant E-88

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-039 - Application of AMOCO

Production Co., USA

was published in said newspaper on

June 13, 1984

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 27th day of

June

A.D. 1984

Notary Public

My Commission Expires

March 1, 1988

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1886' FSL & 47' FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO.	15. ELEVATIONS (Show whether OP, RT, GR, etc.) 8137' Graded	9. WELL NO. W30-12 A
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR SLE. AND SUBST. OR ABBA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

Date: 07/23/84
 Total Depth: 14,698'
 Completion Contractor: Chapparel #1
 Spud Date: 08/13/83
 Taking care of final reports

RECEIVED
 JUL 26 1984
 DIVISION OF OIL
 GAS & MINING

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

SIGNED Louis T. Lozzio TITLE Administrative Supervisor DATE 7/23/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W30-12A

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 30, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1886' FSL & 47' FWL Sec. 36, T4N, R8E
At top prod. interval reported below
At total depth 2071' FSL & 1349' FWL
2007' FSL & 1460' FWL

14. PERMIT NO. DATE ISSUED
43-043-30247

AUG 21 1984

DIVISION OF OIL
GAS & MINING

RECEIVED

15. DATE SPUDDED 8/13/83 16. DATE T.D. REACHED 4/6/84 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 8159' KB 19. ELEV. CASINGHEAD 8137' GL

20. TOTAL DEPTH, MD & TVD 14800' MD 14606' TVD 21. PLUG, BACK T.D., MD & TVD 14654' MD 14460' TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY surface to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Nugget Sandstone
14380'-14564' MD 14218'-14377' TVD 25. WAS DIRECTIONAL SURVEY MADE surface - 14650'

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, BHC, DIL, Dipmeter, CBL, PL 27. WAS WELL CORRED 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	61-88	6123	17 1/2	5550 sx	50-50 poz & A	none
10 5/8-9 5/8	61-88	12695	12 1/2	5150 sx	50-50 poz & A	none
7" tieback	32	11087		200 sx	Class G	none

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7 5/7	11460	12697	110		3 1/2	10497	
5	11087	14800	75		2 7/8	12800	12800

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14380' - 14564'	4 JSPF, .37"		

33.* PRODUCTION
DATE FIRST PRODUCTION 5/10/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Injection

DATE OF TEST 5/11/84 HOURS TESTED 24 CHOKE SIZE 30/64 PROD'N FOR TEST PERIOD 962 OIL—BBL. 2758 GAS—MCF. 133 WATER—BBL. 2867 GAS-OIL RATIO

FLOW. TUBING PRESS. 1210 CASING PRESSURE 0 CALCULATED 24-HOUR RATE 962 OIL—BBL. 2758 GAS—MCF. 133 WATER—BBL. OIL GRAVITY-API (CORR.) 49

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

35. LIST OF ATTACHMENTS

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

SIGNED Vernon E. [Signature] TITLE District Engineer DATE 8/20/84

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.)

DST NONE
CORES NONE

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				Frontier	1640
				Bear River	6137
				Gannett	7453
				Pruess	10547
				Twin Creek	12705
				Nugget	14370



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

January 7, 1985

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930
ATTN: Mr. T.G. Dow

Dear Sirs:

According to our records we have not received commencement notices (Form DOGM-UIC-5) for the following injection well:

ARE W30-12A

We would appreciate knowing the status of this well to update our records. Please fill out the enclosed form, if applicable, as soon as possible and send it to the:

Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: UIC Program

Sincerely,

A handwritten signature in cursive script that reads "Marlayne Poulsen".

Marlayne Poulsen
UIC Office Specialist

MFP
Enclosure
0046A

3/25/86

JRB

Amoco Prod. Co - Dan Poulson

ARE W 30 - 12A

Sec. 36, T4N, R8E

Summit Co.

- Gave verbal to deepen well in the Nuggett and inject into open hole interval.
- They will follow up with written Sunday notice



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

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

DIVISION OF
OIL, GAS & MINING

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

Attn: Claudia Jones

Dear Claudia:

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

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SEnw, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16-60 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17-12167	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

20

Production wells (cont.)

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

Injection wells

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

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

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

Thank you,



R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

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

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

W30-12A

9. WELL NO.

W30-12A

10. FIELD AND POOL, OR WILDCAT

Nugget

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

Sec. 30, T4N, R8E

12. COUNTY OR
PARISH
Summit

13. STATE
UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface
1886' FSL & 47' FWL Sec. 36, T4N, R8E
At top prod. interval reported below
2071' FSL 1349' FWL
At total depth
2007' FSL & 1460' FWL

14. PERMIT NO. 43-043-30248
DATE ISSUED 4-15-83
DIVISION OF OIL, GAS & MINING

15. DATE SPUDDED 8-13-83
16. DATE T.D. REACHED 4-6-84
17. DATE COMPL. (Ready to prod.)
18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 8159' KB
19. ELEV. CASINGHEAD 8137' GL

20. TOTAL DEPTH, MD & TVD 14800' MD 14606' TVD
21. PLUG BACK T.D., MD & TVD 14654' MD 14460' TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Nugget Sandstone
14380' - 14564' MD 14218' - 14377' TVD
25. WAS DIRECTIONAL SURVEY MADE
sfc 14650'

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-CNL, BHC, DIL, Dipmeter, CBL, PL
27. WAS WELL CORRD
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	61-88	6123	17 1/2	5550 sx 50/50 poz & A	none
10 5/8-9 5/8	61-88	12695	12 1/2	5150 sx 50/50 poz & A	none
7" tieback	32	11087		200 sx Class G	none

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7 5/7	11460	12697	110		3 1/2	10947	
5	11067	14800	75		2 7/8	12800	12800

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14380' - 14564'	4 JSPF, .37"		

33.* PRODUCTION
DATE FIRST PRODUCTION 5-10-84
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
WELL STATUS (Producing or shut-in) Injection

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
5-11-84	24	30/64		962	2758	133	2867
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
1210	0		962	2758	133	49	

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

35. LIST OF ATTACHMENTS

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

SIGNED Walter L. Shaffer TITLE Drilling Supervisor DATE 9-9-88

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.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH												
			<table border="1" style="margin: auto;"> <tr><th colspan="2">OIL AND GAS</th></tr> <tr><td>DRN</td><td></td></tr> <tr><td>JRS</td><td></td></tr> <tr><td>I-TAS</td><td style="text-align: center;">✓</td></tr> <tr><td>2- MICROFILM</td><td style="text-align: center;">✓</td></tr> <tr><td>3- FILE</td><td></td></tr> </table>	OIL AND GAS		DRN		JRS		I-TAS	✓	2- MICROFILM	✓	3- FILE		Frontier Bear River Gannett Preuss Twin Creek Nugget	1640' 6137' 7453' 10547' 12705' 14370'	
OIL AND GAS																		
DRN																		
JRS																		
I-TAS	✓																	
2- MICROFILM	✓																	
3- FILE																		

38.

GEOLOGIC MARKERS

36-14
30-02

Utah Division of Oil, Gas, and Mining
Casing - Bradenhead Test

Operator: AMOCO ROCKMOUNT COMPANY Field/Unit: ANSCHUTZ RANCH EAST
Well: AREU #W30-12A Township: 04N Range: 08E Sect:30
API: 43-043-30248 Welltype: INJG Max Pressure: 6100
Lease type: FEE Surface Owner: FEE
Test Date: 8/28/89

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
Surface:	133/8	6147		
Intermediate:	105/8	12695		Injecting at 4500psi
Production:	7	11086		Pressured to 1000psi
Other:	5	14800		Held 15min
Tubing:	3 1/2			Panel
Packer:		11086		DJ.
Recommendations:				8/29/89

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

SUBMIT IN TRIPPLICATE
(Instructions on reverse side)

RECEIVED
MAR 20 1990

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or to...
Use "APPLICATION FOR PERMIT" for...

OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. ADDRESS OF OPERATOR P. O. Box 800, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Anschutz Ranch East
3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1915.8' FSL & 84.5 FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. <u>30248</u> 43-043-30230		9. WELL NO. W30-12 A
15. ELEVATIONS (Show whether SP, ST, GR, etc.) 8140.4 GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLM. AND SUBVY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

Amoco Production Company requests authorization to open additional zone 2 Nugget Pay in subject well and possibly convert it to a dual injector/producer using the following procedure:

- DO PBSD from 14,652' - 14,800'.
- Perforate interval from 14,634' - 14,698' w/6 JSPF.
- Produce gas through tubing and flare to pit for four days to determine quality of gas.
- If gas is of poor quality, return well to injection, leaving additional pay open.
- If the production has a low G. O. R. with liquids, inject down the backside into upper perms and produce zone 2 Nugget through the tubing.

If you require any additional information, please contact Valerie Miller at (303)830-5108 or Bruce Leggett (Project Engineer) at (303) 830-5384.

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

OIL AND GAS	
DRN	RJF
JRB	GLH ✓
DTS	SLS
DATE 3-19-90	
DATE	
MICROFILM	
FILE	

I hereby certify that the foregoing is correct
 SIGNED John Hampton BY: [Signature] Sr. Staff Adm. Spvt.
 DATE 3-22-90

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Anschutz March East W30-12A Wellbore Diagram

Location: 1886' FSL x 47' FWL. Sect. 30, T4N, R8E
Elevation: 8137' G.L. / 8159' K.B.

Landing jt. = 3 1/2" 12.7# N-80
Vam tubing

42,381 30 SHEETS 3 SQUARE
 41,382 300 SHEETS 3 SQUARE
 NATIONAL WELL LOGGING

13 3/8" 88# S-95 Butt. (125)
 13 3/8" 72# S-95 Butt. (73)
 13 3/8" 68# S-80 ST+C (100)
 13 3/8" 61# S-80 ST+C (205)
 13 3/8" 72# S-95 Butt. (156)
 13 3/8" 72# S-80 ST+C (6)
 SA 6,123' w/ 1800 sx
 5x/50 POZ + 3200 sx 50/5
 POZ. D. id 1" top job w/ 500
 Cl. "A" + 150 sx Cl. "A"

Tieback Casing String
 7" 32# S-95 LT+C (8795')
 7" 32# N-80 LT+C (2304')
 SA 11,099' w/ 200 sx Cl. "G"

5" Liner Top @ 11,107'
 7 5/8" Liner Top @ 11,462'

9 5/8" 53.5# HC-95 LT+C (11,524')
 10 5/8" 101.4# N-80 Butt. Xline (1111)
 SA 12,695' w/ 2000 sx Cl. "G"

7 5/8" 39# P-110 FL4S AH. Brad.
 SA 12,697' w/ 110 sx Cl. "G"
 327 jts 4 1/2" 12.6# N-80 Vam tubing
 1 jt 3 1/2" 12.7# N-80 Vam tubing
 58 jts 2 7/8" 6.4# N-80 Vam tubing
 Otis "X" nipple (2.313" min. ID) @ 12,727'
 Otis "XN" nipple (2.205" min. ID) @ 12,792'
 Baker Retrieval - DB" Lok-set packer
 @ 12,800'

12,700'-12,701' sqzd. w/ 200 sx Cl. "G"

14,380'-14,564'

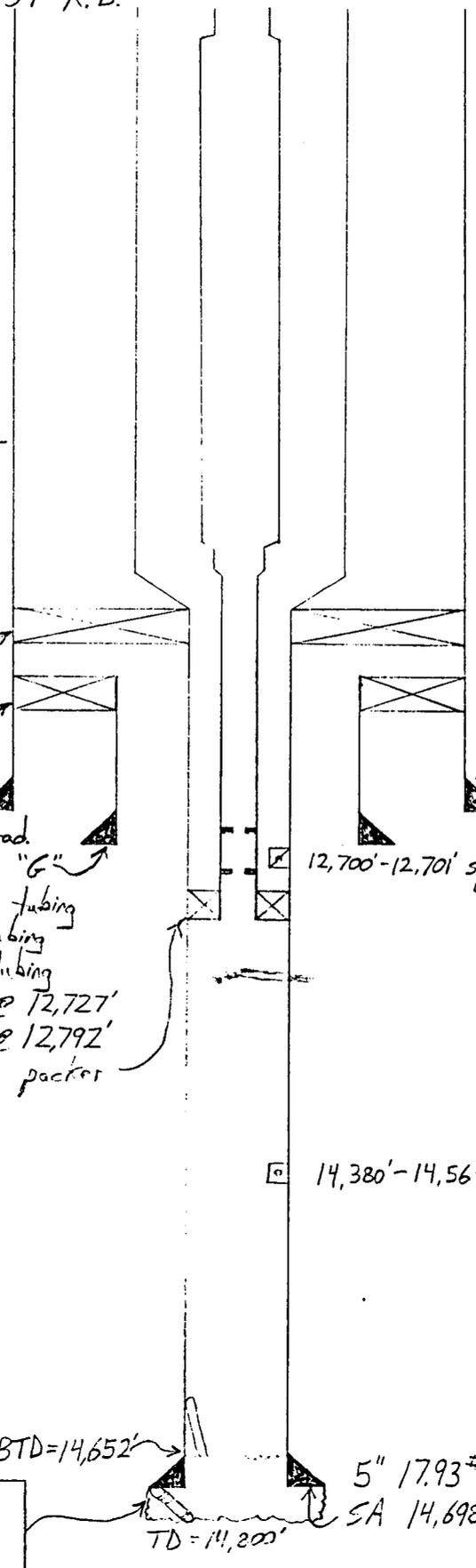
NOTE: Squeeze perfs @ 12,700'-12,701' are in communication with 9 5/8" casing. See 6/16/84 report.

NOTE: Sinker bar fish left in the hole at PBT.D. Fish is 21.2' long with a 1.69" max. diameter.

PBT.D = 14,652'

NOTE: Open-hole dipmeter logging tool lost in the hole @ 11,700' (33.5' loss)

5" 17.93# P-110 FL4S
 SA 14,698' w/ 75 sx Cl. "A" + bubbles
 TD = 14,800'



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

SUBMIT 4 TRIPPLICATE*
(Or instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.																				
2. NAME OF OPERATOR Amoco Production Company		Fee																				
3. ADDRESS OF OPERATOR P.O. Box 800; Rm 1846; Denver, CO 80201		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1915.8' FSL & 84.5' FWL		7. UNIT AGREEMENT NAME Anschutz Ranch East																				
14. PERMIT NO. 43-043-30248	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8140.4 GR	8. FARM OR LEASE NAME Anschutz Ranch East																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		9. WELL NO. W30-12A																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDISE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <u>Open additional pay & convert</u> <input checked="" type="checkbox"/></td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Open additional pay & convert</u> <input checked="" type="checkbox"/>		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																				
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																			
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																			
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		12. COUNTY OR PARISH Summit																				
		13. STATE UT																				

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 attempted to locate low-nitrogen, low-GOR gas in Zone 2 Nugget Pay from which to produce in the subject well using the following procedure:

- DO PBTD from 14,652' - 14,800'.
- Perforated interval from 14,634' - 14,688' w/6 JSPF.
- Produced gas through tubing and flared to pit for four days.
- RTI, leaving additional pay open.

If you require any additional information, please contact D.J. Hawkins at (303) 830-4213 or Bruce Leggett (Project Engineer) at (303) 830-5384.

RECEIVED

MAR 15 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED J. W. Hampton TITLE Sr. Staff Admin. Supv. DATE 03/08/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side



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

Michael O. Leavitt
 Governor
 Ted Stewart
 Executive Director
 James W. Carter
 Division Director

355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203
 801-538-5340
 801-359-3940 (Fax)
 801-538-5319 (TDD)

October 12, 1994

Amoco Production Company
 P.O. Box 829
 Evanston, WY 82930
 Attention: Art MacLean

Re: Anschutz Ranch, East, Unit Injection Wells, Summit County, Utah

Dear Mr. MacLean,

Please accept this letter as documentation of certain Unit wells having successfully passed five year mechanical integrity tests conducted on 10/11/94. The relevant wells are as follows:

<u>Well Name</u>	<u>Location</u>	<u>API Number</u>
W1-02	Section 1, T. 3 N., R. 7 E.	43-043-30209
W36-14	Section 36, T. 4 N., R. 7 E.	43-043-30255
W30-12A	Section 30, T. 4 N., R. 8 E.	43-043-30248
W30-15	Section 30, T. 4 N., R. 8 E.	43-043-30216
W30-02	Section 30, T. 4 N., R. 8 E.	43-043-30218

In addition, enclosed please find a list of injection wells operated by Amoco and dates of their last integrity tests. Please note that the dates listed for the above five wells are obsolete because the database hasn't been updated yet.

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

Very truly yours,

Christopher J. Kierst
 Reclamation Specialist



API	WELL	WELLTYPE	MITDATE	TYPETEST	INDIA
43-043-30228	AREU #W20-02	INJG	08/11/92	PRESSURE	N
43-043-30106	ANSCHUTZ RANCH 34-02	INJD	07/26/91	PRESSURE	N
43-043-30139	ISLAND RANCHING #C-1	INJD	05/23/91	PRESSURE	N
43-043-30136	AREU #W29-02	INJG	08/11/92	PRESSURE	N
43-043-30154	AREU #W29-12	INJG	08/11/92	PRESSURE	N
43-043-30251	AREU #W29-14A	INJG	08/11/92	PRESSURE	N
43-043-30209	AREU #W01-02	INJG	08/29/89	PRESSURE	N
43-043-30265	AREU #W02-10	INJG	08/11/92	PRESSURE	N
43-043-30096	AREU #W16-14	INJG	08/11/92	PRESSURE	N
43-043-30272	AREU #W19-08	INJG	08/11/92	PRESSURE	N
43-043-30123	AREU #W20-08	INJG	08/11/92	PRESSURE	N
43-043-30145	AREU #W20-14	INJG	08/11/92	PRESSURE	N
43-043-30216	AREU #30-15 (W31-02)	INJG	08/29/89	PRESSURE	N
43-043-30248	AREU #W30-12A	INJG	08/29/89	PRESSURE	N
43-043-30183	AREU #W30-08	INJG	08/11/92	PRESSURE	N
43-043-30218	AREU #W30-02	INJG	08/29/89	PRESSURE	N
43-043-30185	AREU #W30-14	INJG	08/11/92	PRESSURE	N
43-043-30167	AREU #W36-08	INJG	08/11/92	PRESSURE	N
43-043-30255	AREU #W36-14	INJG	08/29/89	PRESSURE	N
43-043-30280	AREU #W31-05	INJG	08/11/92	PRESSURE	N

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>10/11/94</u>	Well Owner/Operator: <u>AMBCO</u>
Disposal Well: _____	Enhanced Recovery Well: <u>Press Maint</u> Other: _____
API No.: <u>43-013-30248</u>	Well Name/Number: <u>W30-12A</u>
Section: <u>30</u>	Township: <u>4N</u> Range: <u>8E</u>

Initial Conditions:

Tubing - Rate: 41.46 mcf/da Pressure: 4572 psi
Casing/Tubing Annulus - Pressure: 700 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>700</u>	<u>4500</u>
5	<u>1145</u>	<u>4500</u>
10	<u>1145</u>	<u>4500</u>
15	<u>1145</u>	<u>4500</u>
20	<u>1145</u>	<u>4500</u>
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 4500 psi
Casing/Tubing Annulus Pressure: 385 psi

REMARKS:

OK test

Aet MacClean/Fabicia Yuen
Operator Representative

Chris Kierst
DOG M Witness

INJECTION WELL - PRESSURE TEST

Well Name: ARE W30-12A API Number: 43-043-30248
 Qtr/Qtr: NWSW Section: 30 Township: 4N Range: 8E
 Company Name: BP America Prod. Co.
 Lease: State _____ Fee Federal _____ Indian _____
 Inspector: J Cordova, D Gervis Date: _____

Initial Conditions:

Tubing - Rate: _____ Pressure: 2000 psi
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

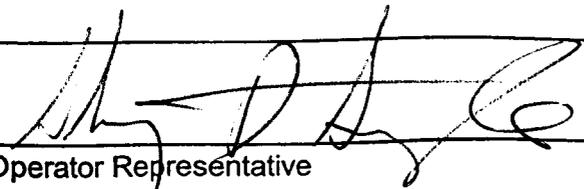
Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	_____
5	↓	_____
10	↓	_____
15	<u>1000</u>	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 2000 psi
 Casing/Tubing Annulus Pressure: 500 psi

COMMENTS: Double Jack Testing (Wyo.)
Chart Recorder


 Operator Representative

From: Lisha Cordova
To: "lee90@attbi.com".MAIL.MNET
Date: 4/2/03 9:51AM
Subject: Re: questions

Hi Kris,

I have not received a call from BP yet regarding a meeting date for witnessing the MIT's for the ARE W02-10, ARE W19-08, and ARE W30-12A, shut-in gas injection wells. Is BP planning to pre-test the wells before we come out to witness? If not, we need to witness those tests.

If a chart is run during the MIT then it would be great if you could send a copy of the chart along with a sundry in follow-up to the test. Contractors usually perform the work for the operator, then turn over the information to the operator. I have not seen reports/charts come directly from the contractor.

If no chart is run, then no follow-up is required. Division staff will be on location witnessing the test and will record the information.

Thank you for your help, I really appreciate it! If you have any other questions, please contact me.

Lisha
(801)538-5296

>>> "Kristina Lee" <lee90@attbi.com> 04/02/03 06:18AM >>>

Hi Lisha, Had a question on the injection wells that they are scheduled to do Mechanical integrity tests on soon. Do I need to file a follow up sundry with the test attached or what is the usual procedure? I didn't know if the company who did them sent them directly to you or I send them along with my sundry. Thanks, hopefully this is not a dumb question. **Kris Lee 303-423-5749 wk303-422-6749 faxlee90@attbi.com**

* 4-3-02 Stacy Swingle (Cell 307-679-3112) BP America
MIT's scheduled for May 2003.
Two of the wells are difficult to get to due to weather conditions.

* 5-5-03 all of the wells have been pre-tested and are ready for MIT witnessing by DOGM. (Stacy/BP America).
MIT's scheduled for 5-8-03/8:00 a.m.

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

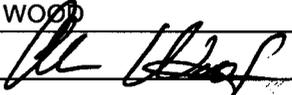
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number ANSXHUTZ RANCH EAST W30-12A	API Number 043-30248
Location of Well Footage : 1886 S 47 W County : SUMMIT QQ, Section, Township, Range: NWSW 30 4N 8E State : UTAH	Field or Unit Name Anschutz Ranch East Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 12/31/2001

CURRENT OPERATOR

Company: <u>AMOCO PRODUCTION COMPANY</u>	Name: <u>ALAN WOOD</u>
Address: <u>501 WESTLAKE PARK BLVD</u>	Signature: 
city <u>HOUSTON</u> state <u>TX</u> zip <u>77079</u>	Title: <u>REGULATORY ENGINEER</u>
Phone: <u>(281) 366-5328</u>	Date: <u>12/6/2001</u>

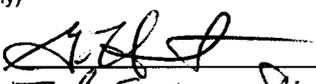
Comments: NAME CHANGE FROM AMOCO PRODUCTION COMPANY TO BP AMERICA PRODUCTION COMPANY

NEW OPERATOR

Company: <u>BP AMERICA PRODUCTION COMPANY</u>	Name: <u>ALAN WOOD</u>
Address: <u>501 WESTLAKE PARK BLVD</u>	Signature: 
city <u>HOPUSTON</u> state <u>TX</u> zip <u>77079</u>	Title: <u>REGULATORY ENGINEER</u>
Phone: <u>(281) 366-5328</u>	Date: <u>12/31/2001</u>

Comments: NAME CHANGE FROM AMOCO PRODUCTION COMPANY TO BP AMERICA PRODUCTION COMPANY

(This space for State use only)

Transfer approved by: 
Title: Tech. Services Manager

Approval Date: 12-18-01

Comments: Well is due for a mechanical integrity test.

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DIVISION OF
OIL, GAS AND MINING

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

FORM 9

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

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

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DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

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

§
§
§
§

CERTIFICATE

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

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

NOW, THEREFORE, BE IT,

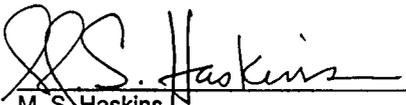
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

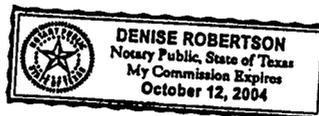
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

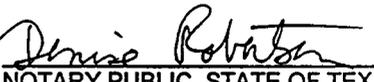



M. S. Haskins

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

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

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

FORM 9

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

(This space for State use only)

RECEIVED
JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30098-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	686	W
43-043-30108-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1592	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2460	E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	618	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1283	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	968	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1286	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENW	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENW	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENW	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENW	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENW	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1780	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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



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

1594 West North Temple, Suite 1210
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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number ANSCHUTZ RANCH EAST W30-12A	API Number 043-30248
Location of Well Footage : 1886 S 47 W County : SUMMIT QQ, Section, Township, Range: NWSW 30 4N 8E State : UTAH	Field or Unit Name ANSCHUTZ RANCH EAST Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 7/1/2003

CURRENT OPERATOR

Company: <u>BP AMERICA PRODUCTION COMPANY</u>	Name: <u>David G. Peterson</u>
Address: <u>501 WESTLAKE PARK BLVD</u>	Signature: <u><i>David G. Peterson</i></u>
city <u>HOUSTON</u> state <u>TX</u> zip <u>77079</u>	Title: <u>Attorney-In-Fact</u>
Phone: <u>(281) 366-2000</u>	Date: <u>6/26/03</u>
Comments: <u>CHANGE OF OWNERSHIP</u>	

NEW OPERATOR

Company: <u>MERIT ENERGY COMPANY</u>	Name: <u>Fred N. Diez</u>
Address: <u>13727 NOEL ROAD, SUITE 500</u>	Signature: <u><i>Fred N. Diez</i></u>
city <u>DALLAS</u> state <u>TX</u> zip <u>75240</u>	Title: <u>V.P.</u>
Phone: <u>(972) 701-8377</u>	Date: <u>7/1/03</u>
Comments:	

(This space for State use only)

Transfer approved by: *[Signature]* Approval Date: 8/18/03
Title: Field Services Manager

Comments:

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File ARE W2-10
ARE W19-08
ARE W30-12A
(Loc.) Sec _____ Twp _____ Rng. _____
(API No.) Anschutz Ranch East Unit
(3) G1W's

Suspense
(Return Date) _____
(To-Initials) _____

Other

1. Date of Phone Call: 2-5-03 Time: 10:20

2. DOGM Employee (name) J. Cordova (Initiated Call)
Talked to:
Name Gill Webb (Initiated Call) - Phone No. (281) 366-4617
of (Company/Organization) BP America Prod. Co.

3. Topic of Conversation: MIT's due, intent to resume injection (SI 2/99)
or intent to PA? Request for updated info regarding
operator's future plans.
(MIT's will be scheduled at a later date if necessary per admin.)

4. Highlights of Conversation: _____
msg.
2-6-03 Chad Yelverton 281-366-5407
BP will file updated info regarding the above (3) SI G1W's
He thinks BP will not be resuming EI and will
most likely plan on plugging the wells in the near
future. (this year)

From: Lisha Cordova
To: Brad Hill; Dan Jarvis; Dustin Doucet; Gil Hunt
Date: 2/6/03 9:32AM
Subject: BP America

Hi guys,

FYI.....

I just spoke with Chad ^{Yelverton} ~~Overton~~ with BP regarding (3) SI GIW's in the Anschutz Ranch East Unit. The wells have been SI since 2/99, the last paperwork filed by Amoco was in 1992, and MIT's are due. BP plans to send us updated info. on these wells along with info. regarding future plans.

Chad thinks that BP will not resume GI, and will most likely plug & abandon them in the near future (this year).

I will let you know when official paperwork is received or if you get it first, let me know.

Thank you!

2-7-03 Chots Lee

Working on paperwork. She mentioned that BP America has put up "AFE Unit" for sale.

We discussed AFE W2-10, well sign started potential casing problem". She will look into and call back Monday 2-10-03.

Referred her to Dustin regarding wells SI, 5 or more years.

2-19-03

Paperwork for (3) SI GIW's in progress. They will probably test for SI extensions. Op. will still need to demonstrate mechanical integrity on the wells.

From: "Kristina Lee" <lee90@attbi.com>
To: <lishacordova@utah.gov>
Date: 2/20/03 1:59PM
Subject: BP injection wells

I looked up your email and thought I would type you a little note. This way we can correspond like this too.

Can you send me copies of these sundries and or/letters that get addressed back to the field. Sometimes they get lost and I would like to make sure these are followed up on. I put the field address on the form for legal purposes. My address is: 9070 Hoyt Street, Westminster, Colorado 80021. Even a copy by email would be great if that would be easier for you. It works well with the other agencies I work with to send original to the field and a copy for me.

Thank you for all your help. I will keep plugging along on the rest of the wells from Dustin.

Kris Lee

303-423-5749 wk

303-422-6749 fax

lee90@attbi.com

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: NA
		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: ARE W30-12A	
2. NAME OF OPERATOR: BP AMERICA PRODUCTION COMPANY SUITE A		9. API NUMBER: 4304330248
3. ADDRESS OF OPERATOR: 1013 CHEYENNE DR. CITY EVANSTON STATE WY ZIP 82930	PHONE NUMBER: (303) 423-5749	10. FIELD AND POOL, OR WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1886 FSL, 47 FWL		COUNTY: SUMMIT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 4N 8E		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 checked="" type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above well was part of an injection operation from the mid 1980's until the late 1990's, at which point it was shut in as part of the Plan of Depletion (blowdown). This well has been shut in and has not been plugged and abandoned due to potential for future intervention. Our plan is to hold these wells in Temporarily Abandoned status approximately two to five years until potential for uphole development is verified or eliminated. Upon elimination of potential, the wells will be plugged and abandoned. As For mechanical integrity: this well has packers installed and casing pressure is monitored by our field personnel. The wellhead valves are also on a regular PM for greasing and testing.

RECEIVED
FEB 27 2003
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Kristina A.Lee</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u><i>Kristina Lee</i></u>	DATE <u>2/20/2003</u>

(This space for State use only)
This injection well had an MIT performed on October 11, 1994. In accordance with R649-3-36, good cause has been shown for an extension of shut-in time until April 1, 2008, conditioned upon the well passing the MIT scheduled for April 2003.

APPROVED BY: *DAR Deut* March 6, 2003
Utah Division of Oil, Gas and Mining



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

March 5, 2003

Chad Yelverton
BP America Production Company
1013 Cheyenne Drive, Suite A
Evanston, Wyoming 82930

Re: Pressure Test for Mechanical Integrity, ARE W30-12A Well, Section 30, Township 4 North, Range 8 East, API No. 43-043-30248, Summit County, Utah

Dear Mr. Yelverton:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class, II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least once in every five-year period beginning in October 1982. Please make arrangements and ready the well for testing in April as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.
4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Page 2
BP America Production Company
ARE W30-12A
March 5, 2003

Please contact me at (801) 538-5296 to arrange a meeting date, time, and place in April or negotiate a different date, if this one is unacceptable.

Sincerely,

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

Lisha Cordova
Petroleum Technician

lc
cc: Gil Hunt, Environmental Manager
BP America Production Company, Kristina A. Lee, Colorado Office
Well File

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

CA No.

Unit:

ANSCHUTZ RANCH EAST

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

- (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:

INJECTION WELL - PRESSURE TEST

Well Name: <u>ARE W30-12A</u>	API Number: <u>43-043-30248</u>
Qtr/Qtr: <u>NWSW</u> Section: <u>30</u>	Township: <u>4N</u> Range: <u>8E</u>
Company Name: <u>Merit Energy Company</u>	
Lease: State _____ Fee <input checked="" type="checkbox"/>	Federal _____ Indian _____
Inspector: <u>Lisha Cordova</u>	Date: <u>8/19/08</u>

Initial Conditions:

Tubing - Rate: N/A Pressure: N/A psi
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1060 #</u>	<u>N/A</u>
5	<u>1060 #</u>	<u>↓</u>
10	<u>1060 #</u>	<u>↓</u>
15	<u>1060 #</u>	<u>↓</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass Fail

Conditions After Test:

Tubing Pressure: N/A psi
 Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: No flg in hole, CIBPE 14,284' (Perfs c 14380-14546')
Csg. backsides full at time of test.

Paul Baucom
 Operator Representative



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

August 1, 2013

Mel Wren
Merit Energy Company
P. O. Box 2760
Evanston, Wyoming 82931

Subject: Pressure Test for Mechanical Integrity, ARE W30-12A, NWSW Section 30, Township 4 North, Range 8 East, API No. 43-043-30248, Summit County, Utah

Dear Mr. Wren:

The Underground Injection Control Program, which the Division of Oil, Gas, and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. Please make arrangements and get the ARE W30-12A well ready for testing during the week of August 19, 2013, as outlined below:

1. Operator must furnish connections, accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, and the well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the well to be tested at this time the test may be rescheduled.
4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.
5. All bradenhead valves with the exception of the tubing on the injection well must be shut-in 24 hours prior to testing.

Please contact Lisha Cordova at (801) 538-5296 to arrange a meeting time and place or to negotiate a different date, if the date(s) specified is unacceptable.

Sincerely,

Dan Jarvis
Operations Manager

DJJ/LC/js

cc: Lisha Cordova, Env. Scientist
Well File





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

August 1, 2013

Mel Wren
Merit Energy Company
P. O. Box 2760
Evanston, Wyoming 82931

Subject: Pressure Test for Mechanical Integrity, ARE W30-12A, NWSW Section 30, Township 4 North, Range 8 East, API No. 43-043-30248, Summit County, Utah

Dear Mr. Wren:

The Underground Injection Control Program, which the Division of Oil, Gas, and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. Please make arrangements and get the ARE W30-12A well ready for testing during the week of August 19, 2013, as outlined below:

1. Operator must furnish connections, accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, and the well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the well to be tested at this time the test may be rescheduled.
4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.
5. All bradenhead valves with the exception of the tubing on the injection well must be shut-in 24 hours prior to testing.

Please contact Lisha Cordova at (801) 538-5296 to arrange a meeting time and place or to negotiate a different date, if the date(s) specified is unacceptable.

Sincerely,

Dan Jarvis
Operations Manager

DJJ/LC/js

cc: Lisha Cordova, Env. Scientist
Well File



INJECTION WELL - PRESSURE TEST

Well Name: ARE W30-12A API Number: 43-043-30248
 Qtr/Qtr: NWSW Section: 30 Township: 4N Range: 8E
 Company Name: Merit Energy Company
 Lease: State _____ Fee X Federal _____ Indian _____
 Inspector: Lisha Cordova Date: 8/21/13
* mt. States Water / Chuck Rees

Initial Conditions: SI

Tubing - Rate: N/A Pressure: _____ psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1100</u> 11:43	_____
5	<u>1100</u> 11:48	_____
10	<u>1100</u> 11:53	_____
15	<u>1100</u> 11:58	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

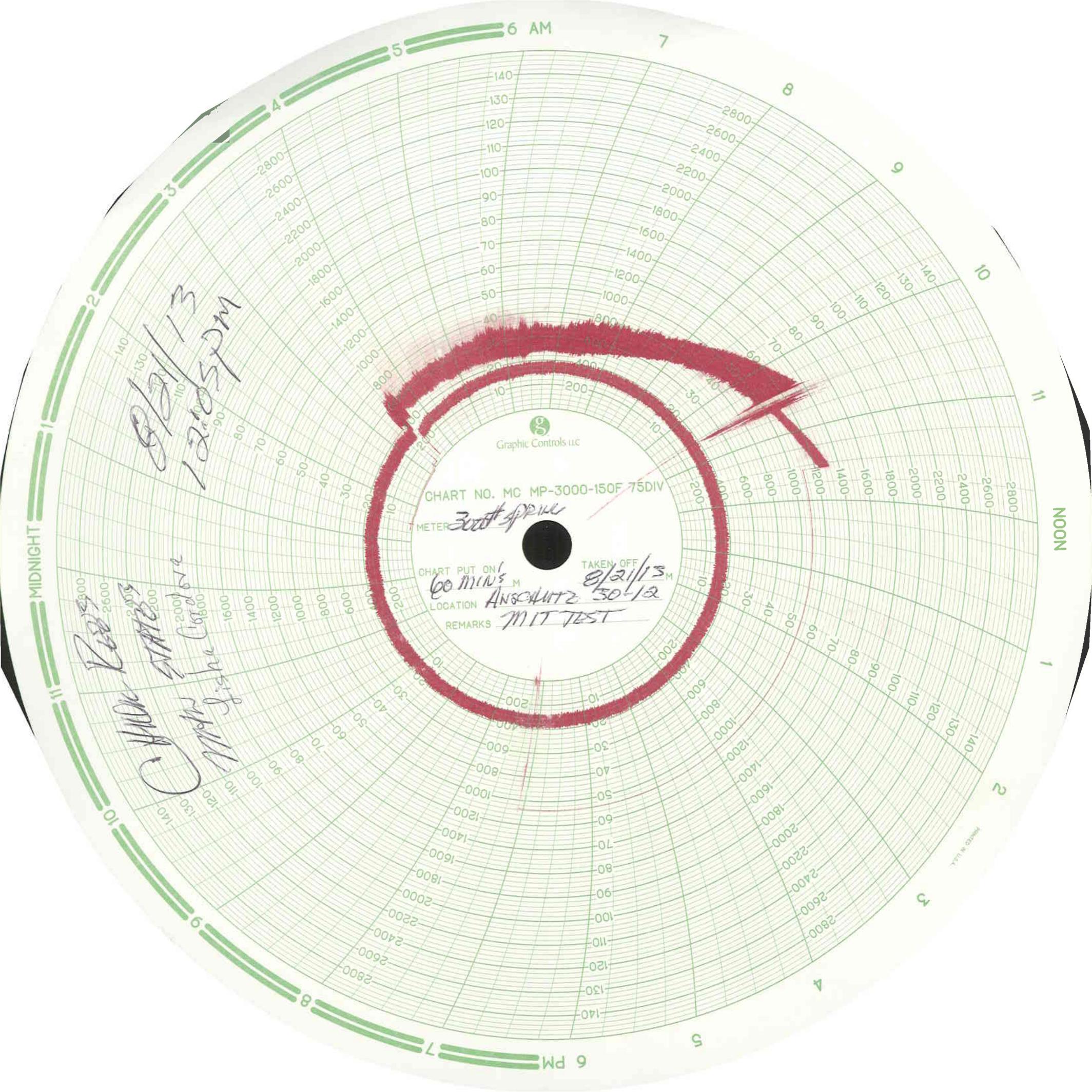
Conditions After Test:

Tubing Pressure: N/A psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: No tubing in hole. CIBP @ 14,284'. Hole loaded with inhibitor fluid, at last MIT (8/19/08), pumped 650 gals / 15 bbls pressured up to 1100 PSI & held 15 min.

Mahn T. White
Operator Representative



Graphic Controls LLC

CHART NO. MC MP-3000-150F 75DIV

METER 3000 4ppm

CHART PUT ON 60 mins M

TAKEN OFF 8/21/13 M

LOCATION ANSCHUTZ 30-12

REMARKS MIT TEST

8/21/13
12:00 PM

C. Hiller
M. Fisher
C. Fisher

MIDNIGHT

NOON

6 PM

6 AM

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 Injection Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W30-12A
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043302480000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1886 FSL 0047 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 30 Township: 04.0N Range: 08.0E Meridian: S		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
		COUNTY: SUMMIT
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/13/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Merit Energy request approval to plug and abandon the above referenced well according to the attached procedure and WBD.

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

Date: November 18, 2015

By: *D. K. Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/10/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

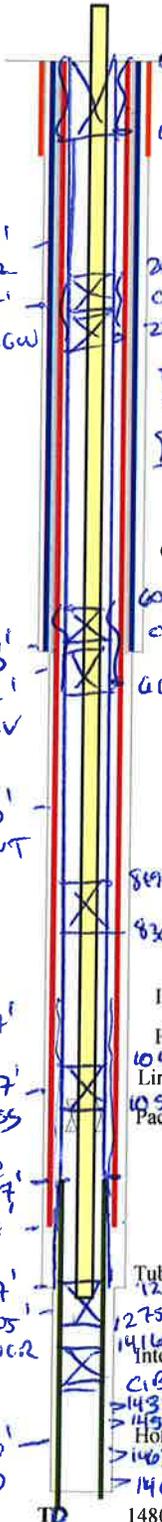
Sundry Conditions of Approval Well Number 43043302480000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #1: A 100' cement plug (± 10 sx) shall be spotted on CIBP @ 14284' (plug from $\pm 14284'$ to 14169'). This will isolate the open perfs in the Nugget formation as required by R649-3-24-3.2.**
- 3. Amend Plug #6: This plug shall be an inside/outside plug. RIH and perforate 7" @ 2200'. RIH with CICR and set at 2150'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. M&P 55 sx cement, sting into CICR pump 35sx, sting out and dump 20 sx on top of CICR. This will isolate the Base of Moderately Saline Groundwater @ 2115'.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 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 (of c) 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.**

Location: Sec: 30 T: 4N R: 8E Spot: NWSW
Coordinates: X: 492070 Y: 4544345
Field Name: ANSCHUTZ RANCH EAST
County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (E/CF)
HOL1	6123	17.5			
SURF	6123	13.325	61	to surface	
HOL2	12697	12.25			
I1	12695	10.625	101.4	to surface	
I2	11584	9.625	53.5	to surface	
L2	12697	7.625	39	to 11460'	
PROD	11086	7	32	to surface	4.937
PKR	11086	7			
HOL3	14800	6.25			
L1	14800	5	17.9	to 11067'	10.028
TI	12800	3.5			



Plug # 7
 W 100' = 185x
 Surface: 13.325 in. @ 6123 ft.
 OUT 100' / (1.15) (7.689) = 125x

100' to 0'
 305x to 11086'
 * Amend Plug # 6
 * move to 2200's Perf, CURE 2152'

Below W 50' = 95x
 OUT 265x = 230' TOC @ 1970'
 ABOVE 205x = 113' TOC @ 2087'
 Production: 7 in. @ 11086 ft.
 Hole: 17.5 in. @ 6123 ft. (2200' to 2087')

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	12695	11584		
I2	11584	0	50	5150
L2	12697	11460	UK	110
PROD	11086	9647	G	200
SURF	6147	0		

6123' CURE @ 6123' Plug # 5
 Below W 50' / (1.15) (4.937) = 25x
 OUT (265x) (1.15) (7.689) = 230' TOC @ 5943'
 Above 205x = 113' TOC @ 6040'

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
14380	14564			
14634	14688			
12700	12701			

8190' Plug # 4
 8303' 205x = 113' TOC @ 8190' for
 8203' to 8190'
 Intermediate: 9.625 in. @ 11584 ft.
 Hole: 12.25 in. @ 12697 ft.
 (205x) (1.15) (4.937) = 113' TOC @ 10484'

Formation Information

Formation	Depth
FRTR	1640
BMSW	2115
BRRVR	6137
GANNT	7453
PREUS	10547
TWNCR	12705
NGSD	14370

10547' PREUS
 10547' Packer: 7 in. @ 11086 ft.
 12697' Tubing: 3.5 in. @ 12800 ft.
 12705' Intermediate: 10.625 in. @ 12695 ft.
 14284' CIP @ 14284'

Plug # 2
 105x = 115'
 TOC @ 12640'
 12755' to 12640'
 * Add Plug # 1
 (105x) (1.15) (10.028) = 115'
 TOC @ 14,169'

14284' to 14169'

**Merit Energy Company
ARE W 30-12A
API# 43-043-30248
NW-SW Sec 30T04N-R08E
1886' FSL & 47' FWL
Anschutz Field
Summit County, Utah**

Plug & Abandoned Well

GL: 8,140
TD: 14,684'
PBTD: 14,284' (CIBP at 14,274' w/10' of cement on top)
Lat/Long: 41.0503, -111.09436

Perforations:

Nugget – 14,380' to 14,688

Casing:

Surface: 13-3/8" 61/88# at 6,123' **Hole size:** 17-1/2" **TOC:** Surface
Intermediate: 10-5/8"/9-5/8" 101.4/53.5# at 12,695' **Hole size:** 12-1/4" **TOC:** Surface
Intermediate liner: 7-5/8" 39# at 11,460'-12,697' **Hole size:** 8-1/2" **TOC:** 11,054' (Calc.)
Production: 7" 23/29# at 11,099' **Hole size:** 8-1/2" **TOC:** 9,647' (Calc)
Production liner: 5" 17.93# at 11,086'-14,698' **Hole size:** 6-1/4" **TOC:** 12,791' (Calc)

Procedure:

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down/kill well if necessary
3. Dig out around wellhead and check surface for pressure
(If present call Logan Lowenstein #281-235-9207 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, NDWH, NU BOP
5. PU 14,274' of 2-3/8" 4.7# workstring, TIH to existing CIBP at 14,274'
6. Load and circulate wellbore with 459 bbl. water treated with corrosion inhibitor
7. Pressure test casing to 500 psi for 15 minutes
(If pressure tests fail, call Logan Lowenstein and Craig Owen for orders)
8. TOH and LD to 12,755' (50' below top of Twin Creek)
9. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement
(10 sxs is 115' in 5", TOC: 12,640')
10. TOH and WOC 4 hours, TIH and tag TOC at 12,640' or shallower
11. TOH and LD to 10,597' (50' below top of Pruess)
12. Pump 20 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement
(20 sxs is 113' in 7", TOC: 10,484')
13. TOH and WOC 4 hours, TIH and tag TOC at 10,484' or shallower
14. TOH and LD to 8,303'

**Merit Energy Company
ARE W 30-12A
API# 43-043-30248
NW-SW Sec 30T04N-R08E
1886' FSL & 47' FWL
Anschutz Field
Summit County, Utah**

Plug & Abandoned Well

15. Pump 20 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement
(20 sxs is 113' in 7", TOC: 8,190')
16. TOH and WOC 4 hours, TIH and tag TOC at 8,190' or shallower
17. TOH, Stand back 6,123'
18. RU wireline, TIH and perf casing at 6,173', TOH, RD wireline
19. PU 7" 32# CICR, TIH and set at 6,123', Establish IR into CICR
20. Pump 55 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement, 35 sxs under and 20 sxs on top
(26 sxs is 188' in 7" x 9-5/8", 9 sxs is 50' in 7". 20 sxs is 113' in 7", TOC: 6,010')
21. TOH and LD to 3,010'
22. Pump 20 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement
(20 sxs is 113' in 7", TOC: 2,897')
23. TOH and WOC 4 hours, TIH and tag TOC at 2,897' or shallower
24. TOH and LD tubing
25. RU wireline, TIH and perforate casing at 100', TOH, RD wireline
26. Establish circulation to surface
27. Circulate 50 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
28. RDMO, Dig up wellhead and cut off 3' below restored ground level
29. Weld on cap with ID plate, backfill, clean location, P&A complete

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 Injection Well		8. WELL NAME and NUMBER: ARE W30-12A
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		9. API NUMBER: 43043302480000
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: 1886 FSL 0047 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 30 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/4/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <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 style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Merit Energy Plugged and Abandon the aforementioned well on 04/04/2016 witnessed by Lisha Cordova & Mark Reniald Field Inspector with Utah Division of Oil, Gas, and Mining. Please see the attached Daily Summary for details of work done.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 13, 2016</p>		
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/5/2016	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: ARE W 30 12A

Accounting ID 524.1089	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number	Lease ARE W 30 12A	Unit Name
Working Interest 0.6000	Original KB Elevation (ft)	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UT	Field Office ANSCHUTZ	Accounting Group	Producing Status

Job Category Plug & Abandon	Primary Job Type Permanently Abandon Well	Job Start Date 11/4/2015	Job End Date
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Daily Operations

Report Start Date 3/6/2016	Primary Activity MIRU
Operations Summary Spot support equipment	
Report Start Date 3/7/2016	Primary Activity MIRU
Operations Summary Spot support equipment	
Report Start Date 3/8/2016	Primary Activity MIRU
Operations Summary Spot support equipment, get rig spotted to windy R/U derrick try in am.	
Report Start Date 3/9/2016	Primary Activity R/U
Operations Summary Held safety mtg, SIP 0 psi, R/U Derrick, N/D well head N/U BOPs R/U floor move in pipe, secure well SDON.	
Report Start Date 3/15/2016	Primary Activity TIH 2 7/8" tbg
Operations Summary SIP 0 psi, Held safety mtg, unable to get air system to operate working on repairs.	
Report Start Date 3/16/2016	Primary Activity TIH 2 7/8" tbg
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), TIH 269 jts 2 7/8" 6.5# N80 tbg EOT @ 8337', L/D 5 jts lower FL in well bore winterize SDON.	
Report Start Date 3/17/2016	Primary Activity TIH 2 7/8" tbg
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), TIH Talley 101 jts 2 7/8" 6.5# N80 tbg, total 370 jts in hole, EOT 11500' secure well SDON.	
Report Start Date 3/18/2016	Primary Activity TIH 2 7/8" tbg / Load & Role hole
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), TIH Talley 89 jts 2 7/8" 6.5# N80 tbg, tag CIBP 5' in on jt 459 14282' MD, L/D 1 jt 2 7/8" tbg, Total 458 jts in hole, load & Role 140 bbls Fw w/ C-6005 inhibitor, work up equipment issues L/D 5 jts 2 7/8" tbg winterize equipment SDON.	
Report Start Date 3/19/2016	Primary Activity Load role hole / Pump P1 & P2
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 onsite OK to proceed), Reverse circ 325 bbls Fw w/ C-6005 inhibitor returns clean total 465 bbls rolled, Pressure test csg 500 psi 15 min test good, Pump 2 bbls Fw, Mix & Pump 10 sxs class G cmt 15.8# Yield 1.15 w/ retarder slurry 2 bbls cmt, 1 bbl Fw, displ 80 bbls w/ C-6005 inhibitor, 115' plug on top CIBP see good returns TOC @ 14169', TOH L/D 49 jts 2 7/8" tbg EOT @ 12740' jt 409, Pump 8bbls Fw w/ C-6005 inhibitor break circ see returns, Pump 2 bbls Fw, Mix & Pump 10 sxs class G cmt 15.8# Yield 1.15 w/ retarder slurry 2 bbls cmt, 1 bbl Fw, displ 71 bbls Fw w/ C-6005 inhibitor, 115' plug TOC @ 12640' +/-, L/D 6 jts 2 7/8" tbg, stand back 40 jts 2 7/8" tbg EOT @ 11297' jt 363, secure well retag in am. secure well winterize equipment. SDON.	
Report Start Date 3/20/2016	Primary Activity Tag P2 / Pump P3
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 onsite OK to proceed) TIH 40 jts out of derrick, P/U 6 jts in on jt 409, unable to see tag EOT @ 12740', TOH L/D 20 jts tbg, 389 jts in hole EOT @ 12113' reverse circ 75bbls Fw w/ C-6005 inhibitor 3 bpm @ 300psi see clean returns 65 bbls away, see cmt mix in last 2bbls returns circ clean total 75 bbls, let cmt set 24hrs retag in am, SDON.	
Report Start Date 3/21/2016	Primary Activity Reverse out & Pump cmt P2
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 onsite OK to proceed), P/U TIH 20 jts 2 7/8" 6.5# N80 tbg EOT @ 12740', unable to see tag, L/D 1 jt 2 7/8" tbg EOT @ 12709' (State Utah Lisha Cordova 1-801-538-5296 onsite OK to reverse out at 12709, pump P2 10 sx cmt 115' plug), reverse circ out 90 bbls w/ 1.2 bbls cmt, 3 bpm @ 400psi, see cmt in returns, returns are clean, Pump 2 bbls Fw, Mix & Pump 10 sxs class G cmt 15.8# Yield 1.15, slurry 2 bbls cmt, 1 bbl Fw, displ 71 bbls Fw w/ C-6005 inhibitor, 115' plug TOC @ 12594' +/-, L/D 6 jts 2 7/8" tbg, stand back 40 jts 2 7/8" tbg EOT @ 11265' jt 362, secure well retag in am. secure well winterize equipment. SDON.	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: ARE W 30 12A

Accounting ID 524.1089	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number	Lease ARE W 30 12A	Unit Name
Working Interest 0.6000	Original KB Elevation (ft)	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UT	Field Office ANSCHUTZ	Accounting Group	Producing Status

Daily Operations

Report Start Date 3/22/2016	Primary Activity Tag P2 / Pump P3
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), TIH 40 jts 2 7/8" 6.5# N80 tbg out of derrick, P/U TIH 3 jts 2 7/8" tbg see no tag EOT @ 12614', P/U TIH 3 jts 2 7/8" tbg see no tag EOT @ 12709', POH L/D 10 jts 2 7/8" tbg EOT @ 12394' reverse circ 70 bbls 3 bpm @ 300 psi, see cmt in returns, continue to reverse circ 50 bbls see clean returns, (reverse circ total 120 bbls), pressure test csg 500 psi 15 min test good, (Wait on State Utah Dustin Douset 1-801-521-6210 Ok to proceed Reverse out @ 12709' pump P2 30 sxs plug 340' plug) , P/U TIH 10 jts 2 7/8" tbg EOT @ 12709' jt 408, reverse circ 70 bbls Fw w/ C-6005 inhibitor 3 bpm @ 300 psi, see cmt in returns, continue reverse circ 50 bbls see clean returns (reverse circ total 120 bbls), Pump 5 bbls Fw, Mix & Pump 30 sxs class G cmt 15.8# 1.15 Yield slurry 6 bbls cmt, 3 bbls Fw displ 69 bbls Fw w/ C-6005 inhibitor 338' plug, TOC @ 12371', TOH L/D 13 jts 2 7/8" tbg stand back 20 jts 2 7/8" tbg EOT @ 11674' jt 375, tag in am, secure well, winterize equipment, SDON.	
Report Start Date 3/23/2016	Primary Activity Tag P2 / Pump P3
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed) TIH 40 jts 2 7/8" 6.5# N80 tbg, P/U 6 jts 2 7/8" tbg, tag TOC @ 12488' in on jt 401, TOH L/D 60 jts 2 7/8" tbg EOT @ 10605' jt 341, load hole 9 bbls Fw w/ C-6005 inhibitor break circ clean returns, (Note: Magna change P3 to 30sxs cmt 166' plug, State Utah Lisha Cordova 1-801-538-5296 OK to proceed) , Pump 5 bbls Fw, Mix & Pump 30 sxs class G cmt, 15.8#, yield 1.15, slurry 6 bbls cmt, 1 bbls Fw, displ 58.5 bbls Fw w/ C6005 inhibitor 166' plug TOC @ 10439'+/-, TOH L/D 8 jts 2 7/8" tbg, stand back 40 jts 2 7/8" tbg, EOT @ 9091' jt 293, tag in am, secure well, winterize equipment, SDON.	
Report Start Date 3/24/2016	Primary Activity Tag P3 / Pump P4
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed) TIH 20 stds 2 7/8" 6.5# N80 tbg, P/U 3 jts 2 7/8" tbg, tag TOC @ 10430' in on jt 336, TOH L/D 68 jts 2 7/8" tbg EOT @ 8309' jt 268, load hole 9 bbls Fw w/ C-6005 inhibitor break circ clean returns, (Note: Magna change P4 to 30sxs cmt 162' plug, State Utah Lisha Cordova 1-801-538-5296 OK to proceed) , Pump 5 bbls Fw, Mix & Pump 30 sxs class G cmt, 15.8#, yield 1.15, slurry 6 bbls cmt, 1 bbls Fw, displ 45 bbls Fw w/ C6005 inhibitor 162' plug est TOC @ 8147'+/-, POH L/D 70 jts 2 7/8" tbg, stand back 198 jts 2 7/8" tbg, secure well, winterize equipment, S/D & start days off.	
Report Start Date 3/29/2016	Primary Activity Tag P4 / Perforate / TIH CICR / Pump cmt P5
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), R/U E line TIH perf gun 4spf, ccl, tag P4 @ 8000', PUH run collar strip W/ tie in pass Perforate @ 6163' between collars (Note: collar @ 6174' PUH 10' perforate State Utah Lisha Cordova 1-801-538-5296 OK to proceed), POH R/D E line, P/U 7" 10K CICR OD 5.65 (Casper oil tool WCT) , TIH 171 jts 2 7/8" 6.5# N80 tbg, start to take wt down hole EOT @ 5378' POH stuck, work pipe pull 30K over several times came free, POH 6 jts see drag across csg collars acts like upper slips broke or failed along side of CICR EOT @ 5194' jt 168 stuck work pipe pull 30K over work for 1hr no luck, Magna made call to sting out w/ out setting CICR retag, TOH stand back 165 jts 2 7/8" tbg, total 198 jts in derrick, (Note: get PS in am drill out), secure well SDON,	
Report Start Date 3/30/2016	Primary Activity Drill out CICR
Operations Summary Wait on PS, roads closed east to wes tdue to storms	
Report Start Date 3/31/2016	Primary Activity Drill out CICR
Operations Summary Wait on PS, road conditions still bad	
Report Start Date 4/1/2016	Primary Activity TIH / P/U PS / Drill out CICR
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), P/U 5.750 cone bit w/ bit sub, TIH 170 jts 2 7/8" 6.5# N80 tbg tag CICR 10' out on jt 170 5247', P/U PS, wait on parts for Washington head, load hole 100 bbls Fw w/ C-6005 inhibitor break circ, reverse circ, drill out CICR 1hr, continue reverse circ 70 bbls Fw w/ C-6005 inhibitor, P/U 2 jts 2 7/8" tbg off trailer push past next csg collar, R/D PS, TIH 28 jts 2 7/8" tbg out of derrick EOT @ 6178', L/D 2 jts 2 7/8" tbg, TOH stand back 198 jts 2 7/8" tbg in derrick, L/D 5.750 cone bit w/ bit sub, secure well SDON.	
Report Start Date 4/2/2016	Primary Activity Pump cmt P5 / Pump cmt P6
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), P/U CICR w/ setting tool OD 5.69, TIH 198 jts 2 7/8" 6.5# N80 tbg, set CICR @ 6113' 6' out on jt 198, get inj rate 2 bpm @ 50 psi see clean returns up 7" x 9 5/8", test CICR and csg 500 psi good, open 9 5/8", Pump 1 bbl Fw, Mix & pump 35 sxs class G cmt 15.8#, Yield 1.15, slurry 7.1 bbls cmt, below CICR displ 30.5 bbls, close 9 5/8" open 7", Sting out Mix & Pump 20 sxs class G cmt 15.8#, Yield 1.15, slurry 4 bbls cmt top CICR, pump 1 bbl Fw, Displ 2 bbls, TOC @ 6000', TOH L/D 130 jts 2 7/8" tbg, stand back 68 jts 2 7/8" tbg in derrick, L/D setting tool, R/U E line RIH perf gun 4spf w/ ccl, run collar strip w/ tie in pass perforate @ 2200' between collars, POH, R/D E line, P/U CICR w/ setting tool OD 5.69, TIH 68 jts 2 7/8" tbg set CICR @ 2150', get inj rate 2 bpm @ 50 psi see clean returns up 7" x 9 5/8", Open 9 5/8" Pump 1 bbl Fw, Mix & pump 35 sxs class G cmt 15.8#, Yield 1.15, slurry 7.1 bbls cmt, below CICR displ 7.5 bbls, Close 9 5/8" open 7", Sting out Mix & Pump 20 sxs class G cmt 15.8#, Yield 1.15, slurry 4 bbls cmt top CICR, pump 1 bbl Fw, Displ 2.5 bbls, TOC @ 2087', TOH L/D 68 jts 2 7/8" tbg, L/D setting tool, secure well SDON.	
Report Start Date 4/3/2016	Primary Activity Pump cmt P7
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Lisha Cordova 1-801-538-5296 OK to proceed), RIH perf gun 4 spf, ccl, run collar strip w/ tie in pass perforate 100' surface, R/D floor N/D Bops, N/P well head, Pump 10 bbls Fw break circ, 7" x 9 5/8", Mix & Pump 36 sxs class G cmt 15.8#, Yield 1.15, slurry 7.3 bbls cmt, see returns to surface, R/D rig and equipment.	



MERIT ENERGY COMPANY

Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: ARE W 30 12A

Accounting ID 524.1089	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number	Lease ARE W 30 12A	Unit Name
Working Interest 0.6000	Original KB Elevation (ft)	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UT	Field Office ANSHUTZ	Accounting Group	Producing Status

Daily Operations

Report Start Date 4/4/2016	Primary Activity
Operations Summary SIP 0 psi, Held safety mtg, (State Utah Mark Reniald 1-651-398-6197 OK to proceed), Flare digout well head, Magna cut off well head top off w/ 42 sxs cmt slurry 8.6 bbls cmt weld on plate data, well plugged fill in dirt work.	

Company Name: Merit Energy

A/E or Project #: 43-043-30248

Well Name/Number: ARE 30-12

Section/Township/Range: _____

Rig #: 24

Tool Pusher: Darie Roehm

Operator: Berry Knoke

Rig Hand: Byron Benalli

Rig Hand: Austin Jones

Rig Hand: _____

Company Man: Mel Wren

Company Man Cell: _____

Today's Date: 4/2/2016

Days on Well: 13

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
2		11.5	13.5	yes
	2	11.5	13.5	yes
2		10.5	12.5	yes
	2	10.5	12.5	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30	6:30	Travel			
6:30	7:00	JSA meeting			
7:00	9:00	TIH with 7" CICR			
9:00	9:45	Set CICR @6113' (198 jts)-Ru pump-establish circ.-sting in-			
		establish circ. Up 9 5/8" (good)-Ru cmt equip.			
9:45	10:40	Pump cmt (1 bbl FW-55sxs/11 bbls cmt-1 bbl FW-30.5 bbls			
		disp.-sting out-2.5 bbls disp.)(Cmt: 35sxs below-20sxs on top)			
10:40	1:00	Lay down 130 jts-TOOH (34 stands)			
1:00	2:10	Ru WL-RIH & shoot 4 holes @2200'-POOH-establish circ.-RIH			
		& shoot 4 holes @100'-POOH-Rd WL			
2:10	2:40	TIH with 7" CICR			
2:40	3:15	Set CICR @2143' (68 jts)-establish circ.-Ru cmt equip.			
3:15	3:50	Pump cmt (1 bbl FW-55sxs/11 bbls cmt-1 bbl FW-7.5 bbls			
		disp.-sting out-2.5 bbls disp.)(Cmt: 35sxs below-20sxs on top)			
3:50	5:00	Lay down all tbg-Rd floor-shut well in-secure equip. & location			
5:00	7:00	Travel-fill up cementer			

Comments: Pump surfaceplug-Nd BOP-Nu WH-Rig down-rack out equip.-move equip. to staging area

Comments:

P&A Mangers Signature: _____

VP Operations Signature: _____



Lisha Cordova <lishacordova@utah.gov>

Re: magna rig 24s daily report 3-28-16 43-043-30248

1 message

Dustin Doucet <dustindoucet@utah.gov>

Tue, Mar 29, 2016 at 12:36 PM

To: Darie Roehm <darieroehm@yahoo.com>, Lisha Cordova <lishacordova@utah.gov>, mel.wren@meritenergy.com

Amendment to Plug #5: Based on the current situation with CICR set 735' high @ 5378', if circulation is established M&P 185 sx, pump 165 sx below CICR to ensure good cement through perms, sting out and dump 20 sx on top of CICR. If circulation is not established through perms, we will need to reevaluate why circulation is not feasible and whether further perf attempts above current CICR and injection should be attempted to isolate annulus. Potential path forward in non injection scenario is to perf immediately above CICR and attempt circulation, if no circulation spot plug on top of CICR and a minimum of 200' above perms, if circulation pump plug similar to the originally planned one.

On Mon, Mar 28, 2016 at 10:31 PM, Darie Roehm <darieroehm@yahoo.com> wrote:

--

Dustin K. Doucet
 Petroleum Engineer
 Division of Oil, Gas and Mining
 1594 West North Temple, Ste 1210
 Salt Lake City, Utah 84116
 801.538.5281 (ofc)
 801.359.3940 (fax)

web: www.ogm.utah.gov

*Ended up drilling out stuck CICR
 w/ power swivel, pushed any remaining
 remnants below perms shot @ 6113'
 Ran a 2nd CICR @ set @ 6113', est inj
 into perms @ pumped cmt according
 to DD/Eng. orig. plan.
 JC

Company Name: Merit Energy
 AFE or Project #: 43-043-30248
 Well Name/Number: ARE 30-12

Company Man: Mel Wren
 Company Man Cell:

Today's Date: 3/22/2016
 Days on Well: 8

Section/Township/Range

Rig #: 24
 Tool Pusher: Darie Roehm
 Operator: Berry Knoke
 Rig Hand: Byron Benalli
 Rig Hand: Austin Jones
 Rig Hand:

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
2		10	12	yes
2		10	12	yes
	2	10	12	yes
	2	10	12	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30	6:30	Travel			
6:30	7:00	JSA meeting-start equip.			
7:00	8:30	TIH to tag TOC (No tag/EOT@12709')-make phone calls			
			8:30	11:30	Lay down 10 jts-reverse tbg clean-pressure test csg again to make sure csg is still good (good)-wait for orders
			11:30	1:15	TIH to 12709'-reverse any cmt in well bore out-Ru cmt equip.
			1:15	2:15	Pump cmt (5 bbls FW-30sxs/6 bbls cmt-3 bbls FW-69 bbls disp.) (Cmt: 12709' to 12361')
			2:15	3:30	Lay down 13 jts-TOOH 20 stands-shut well in-secure equip. & location
			3:30	4:30	Travel
6:00	7:00	Safety meeting			

Comments: TIH & tag TOC-lay down to 10600'-pump 20sxs cmt-TOOH-WOC

Comments:

P&A Mangers Signature:

VP Operations Signiture:

Company Name: Merit Energy

AFE or Project #: 43-043-30248

Well Name/Number: ARE 30-12

Section/Township/Range:

Rig #: 24

Tool Pusher: Darie Roehm

Operator: Berry Knoke

Rig Hand: Byron Benalli

Rig Hand: Austin Jones

Rig Hand:

Company Man: Mel Wren

Company Man Cell:

Today's Date: 3/19/2016

Days on Well: 5

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
2		11.5	13.5	yes
2		11.5	13.5	yes
	2	11.5	13.5	yes
	2	11.5	13.5	yes



Task Times:		Job Steps "In Scope"	Task Times:	Job Steps "Out of Bid Scope"
5:30	6:30	Travel		
6:30	7:00	JSA meeting		
7:00	8:15	Start equip.-Ru pump		
8:15	12:15	Start rolling hole		
12:15	1:20	Pressure test csg to 500 psi (good)-lunch-Ru cmt equip.		
1:20	2:30	Pump cmt (3 bbl FW-10sxs/2 bbbs cmt-1 bbl FW-80 bbbs disp.) (Cmt: 14277' to 14165')		
2:30	3:45	Lay down 49 jts (EOT @12740')-Ru cmt equip.)		
3:45	5:00	Pump cmt (3 bbbs FW-10sxs/2 bbbs cmt-1 bbl FW-71 bbbs disp.) (Cmt: 12740' to 12628')		
5:00	6:00	Lay down 6 jts-TOOH 20 stands-shut well in-secure equip. & location		
6:00	7:00	Travel		

Comments: TIH & tag TOC-lay down to 10600'-pump 20sxs cmt-TOOH-WOC

Comments:

P&A Mangers Signature:

VP Operations Signiture:

Company Name: Merit Energy

Company Man: Mel Wren

Today's Date: 3/18/2016

AFE or Project #: 43-043-30248

Company Man Cell:

Days on Well: 4

Well Name/Number: ARE 30-12

Section/Township/Range:

Rig #: 24

Tool Pusher: Darie Roehm

Operator: Berry Knoke

Rig Hand: Byron Benalli

Rig Hand: Austin Jones

Rig Hand:

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
2		12	14	yes
2		11	13	yes
	2	12	14	yes
	2	12	14	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30	6:30	Travel			
6:30	7:00	JSA meeting			
7:00	9:30	De ice air lines-get pump off of last location			
9:30	11:45	Finish TIH			
11:45	2:30	Tag CIBP @14282' (459 jts)-lunch-Ru pump			
2:30	5:30	Start circ. Well with corrosion inhibitor (got 100 bbls rolled- could not suck out of tank due to 1' of cmt in tank-chip cmt out) -pipe rams leaking (no spares rubbers)-send Berry to get supplies in Rock Springs			
5:30	6:30	Shut well in-change out leaking swab on tri plex-secure equip. & location			
6:30	7:30	Travel			

Comments: Finish rolling hole-pump 10sxs cmt-lay down to 12755'-pump 10sxs cmt-TOOH-WOC

Comments:

P&A Mangers Signature:

VP Operations Signiture:

Company Name: Merit Energy

Company Man: Mel Wren

Today's Date: 3/17/2016

AFE or Project #: 43-043-30248

Company Man Cell: _____

Days on Well: 3

Well Name/Number: ARE 30-12

Section/Township/Range: _____

Rig #: 24

Tool Pusher: Darie Roehm

Operator: Berry Knoke

Rig Hand: Byron Benalli

Rig Hand: Austin Jones

Rig Hand: _____

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
2		12	14	yes
2		12	14	yes
	2	12	14	yes
	2	12	14	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30	6:30	Travel			
6:30	7:00	JSA			
			7:00	9:00	Travel to the ARE 2-10-start equip.-Ru cmt equip.
			9:00	10:00	Pump cmt (28sxs to top well off)-rack out & clean equip.
			10:00	11:00	Move equip. to current well (could not get pump off location)
11:00	2:30	Try to get semi started to switch out tbg trailers (could not get started)-get other semi from staggng area (semi got stuck on hill sideto location-get truck unstuck & on to location)			
2:30	3:20	Switch out tbg trailers			
3:20	5:40	Continue TIH			
5:40	6:30	Tie back to single line-pull 5 jts-shut well in-secure equip. & location			
6:30	7:30	Travel			

Comments: *Finish TIH-circ. Well clean-pump 10sxs on top of CIBP-TOOH*

Comments: _____

P&A Mangers Signature: _____

VP Operations Signiture: _____

Magna Energy

Company : Merit
 Lease : W30-12A 43043-30248
 Strapped : _____ Date : _____

Page # : 1
 Kelly Bushing :

Total : 14497.28

Description Of Tools				JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N
				1	32.65	32.65	Y	11	32.60	356.51	Y	21	32.57	681.32	Y
				2	32.63	65.28	Y	12	32.42	388.93	Y	22	32.60	713.92	Y
KB Correction				3	32.56	97.84	Y	13	32.56	421.49	Y	23	32.60	746.52	Y
S Nipple 1.81" I.D				4	32.57	130.41	Y	14	32.63	454.12	Y	24	31.56	778.08	Y
notch collar				5	32.62	163.03	Y	15	31.45	485.57	Y	25	32.58	810.66	Y
Landing Hanger				6	32.57	195.60	Y	16	32.63	518.20	Y	26	32.70	843.36	Y
				7	32.53	228.13	Y	17	32.72	550.92	Y	27	32.55	875.91	Y
Perf. Sub				8	32.50	260.63	Y	18	32.63	583.55	Y	28	32.60	908.51	Y
				9	32.50	293.13	Y	19	32.65	616.20	Y	29	32.65	941.16	Y
				10	30.78	323.91	Y	20	32.55	648.75	Y	30	32.58	973.74	Y
				Total	323.91			Total	324.84			Total	324.99		
				JT. NO.		Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N
				31	32.60	1006.34	Y	41	32.62	1313.99	Y	51	30.12	1627.40	Y
				32	31.77	1038.11	Y	42	30.49	1344.48	Y	52	30.49	1657.89	Y
				33	32.63	1070.74	Y	43	32.68	1377.16	Y	53	31.27	1689.16	Y
				34	31.55	1102.29	Y	44	32.73	1409.89	Y	54	31.40	1720.56	Y
				35	30.65	1132.94	Y	45	32.57	1442.46	Y	55	31.73	1752.29	Y
b.h.a.				36	28.45	1161.39	Y	46	31.20	1473.66	Y	56	29.79	1782.08	Y
				37	28.40	1189.79	Y	47	31.55	1505.21	Y	57	29.95	1812.03	Y
				38	30.45	1220.24	Y	48	30.78	1535.99	Y	58	28.10	1840.13	Y
				39	29.91	1250.15	Y	49	31.43	1567.42	Y	59	29.23	1869.36	Y
				40	31.22	1281.37	Y	50	29.86	1597.28	Y	60	28.74	1898.10	Y
Total BHA :				Total	307.63			Total	315.91			Total	300.82		
JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N
61	30.60	1928.70	Y	71	31.40	2233.81	Y	81	29.16	2537.29	Y	91	31.47	2839.51	Y
62	31.53	1960.23	Y	72	29.10	2262.91	Y	82	29.43	2566.72	Y	92	30.75	2870.26	Y
63	30.52	1990.75	Y	73	29.14	2292.05	Y	83	29.80	2596.52	Y	93	31.45	2901.71	Y
64	30.35	2021.10	Y	74	31.47	2323.52	Y	84	31.15	2627.67	Y	94	31.50	2933.21	Y
65	28.70	2049.80	Y	75	29.34	2352.86	Y	85	29.60	2657.27	Y	95	31.00	2964.21	Y
66	30.36	2080.16	Y	76	31.50	2384.36	Y	86	31.00	2688.27	Y	96	31.59	2995.80	Y
67	31.40	2111.56	Y	77	31.44	2415.80	Y	87	30.50	2718.77	Y	97	31.52	3027.32	Y
68	31.58	2143.14	Y	78	31.53	2447.33	Y	88	28.62	2747.39	Y	98	30.60	3057.92	Y
69	28.80	2171.94	Y	79	29.42	2476.75	Y	89	30.90	2778.29	Y	99	30.70	3088.62	Y
70	30.47	2202.41	Y	80	31.38	2508.13	Y	90	29.75	2808.04	Y	100	31.21	3119.83	Y
Total	304.31			Total	305.72			Total	299.91			Total	311.79		
JT. NO.		Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N	JT. NO.	Length	Total	ADD Y/N
101	28.40	3148.23	Y	111	30.30	3451.97	Y	121	30.19	3751.45	Y	131	28.48	4053.92	Y
102	28.89	3177.12	Y	112	30.28	3482.25	Y	122	30.30	3781.75	Y	132	30.55	4084.47	Y
103	31.50	3208.62	Y	113	29.25	3511.50	Y	123	32.50	3814.25	Y	133	31.53	4116.00	Y
104	31.60	3240.22	Y	114	30.22	3541.72	Y	124	31.55	3845.80	Y	134	29.80	4145.80	Y
105	29.57	3269.79	Y	115	29.29	3571.01	Y	125	31.83	3877.63	Y	135	31.48	4177.28	Y
106	29.52	3299.31	Y	116	31.54	3602.55	Y	126	29.73	3907.36	Y	136	31.48	4208.76	Y
107	31.50	3330.81	Y	117	28.80	3631.35	Y	127	28.20	3935.56	Y	137	31.57	4240.33	Y
108	28.80	3359.61	Y	118	28.68	3660.03	Y	128	28.02	3963.58	Y	138	28.30	4268.63	Y
109	30.76	3390.37	Y	119	31.50	3691.53	Y	129	31.46	3995.04	Y	139	31.44	4300.07	Y
110	31.30	3421.67	Y	120	29.73	3721.26	Y	130	30.40	4025.44	Y	140	32.00	4332.07	Y
Total	301.84			Total	299.59			Total	304.18			Total	306.63		

Company : _____
 Lease : _____
 Strapped : _____

JT. NO.	Length	Total	ADD Y/N
141	30.62	4362.69	Y
142	31.75	4394.44	Y
143	31.00	4425.44	Y
144	29.40	4454.84	Y
145	30.88	4485.72	Y
146	28.36	4514.08	Y
147	31.56	4545.64	Y
148	30.90	4576.54	Y
149	32.70	4609.24	Y
150	31.60	4640.84	Y
Total	308.77		

JT. NO.	Length	Total	ADD Y/N
151	31.56	4672.40	Y
152	31.17	4703.57	Y
153	28.40	4731.97	Y
154	30.45	4762.42	Y
155	31.50	4793.92	Y
156	31.44	4825.36	Y
157	31.49	4856.85	Y
158	31.67	4888.52	Y
159	31.55	4920.07	Y
160	30.17	4950.24	Y
Total	309.40		

JT. NO.	Length	Total	ADD Y/N
161	31.50	4981.74	Y
162	31.18	5012.92	Y
163	31.60	5044.52	Y
164	29.63	5074.15	Y
165	31.50	5105.65	Y
166	28.27	5133.92	Y
167	30.70	5164.62	Y
168	30.20	5194.82	Y
169	31.10	5225.92	Y
170	31.65	5257.57	Y
Total	307.33		

JT. NO.	Length	Total	ADD Y/N
171	31.50	5289.07	Y
172	30.05	5319.12	Y
173	31.50	5350.62	Y
174	28.25	5378.87	Y
175	31.59	5410.46	Y
176	29.97	5440.43	Y
177	31.58	5472.01	Y
178	31.85	5503.86	Y
179	31.67	5535.53	Y
180	32.66	5568.19	Y
JT.	310.62		

JT. NO.	Length	Total	ADD Y/N
181	31.48	5599.67	Y
182	28.27	5627.94	Y
183	29.78	5657.72	Y
184	31.59	5689.31	Y
185	32.07	5721.38	Y
186	29.70	5751.08	Y
187	31.78	5782.86	Y
188	31.62	5814.48	Y
189	29.45	5843.93	Y
190	29.85	5873.78	Y
Total	305.59		

JT. NO.	Length	Total	ADD Y/N
191	31.82	5905.60	Y
192	30.44	5936.04	Y
193	29.21	5965.25	Y
194	30.62	5995.87	Y
195	31.55	6027.42	Y
196	29.80	6057.22	Y
197	31.50	6088.72	Y
198	30.60	6119.32	Y
199	29.74	6149.06	Y
200	29.30	6178.36	Y
Total	304.58		

JT. NO.	Length	Total	ADD Y/N
201	31.47	6209.83	Y
202	31.64	6241.47	Y
203	30.69	6272.16	Y
204	30.46	6302.62	Y
205	30.78	6333.40	Y
206	31.48	6364.88	Y
207	28.87	6393.75	Y
208	31.51	6425.26	Y
209	29.63	6454.89	Y
210	31.89	6486.78	Y
Total	308.42		

JT. NO.	Length	Total	ADD Y/N
211	31.55	6518.33	Y
212	32.05	6550.38	Y
213	31.60	6581.98	Y
214	30.48	6612.46	Y
215	31.53	6643.99	Y
216	31.93	6675.92	Y
217	28.44	6704.36	Y
218	31.54	6735.90	Y
219	29.27	6765.17	Y
220	29.92	6795.09	Y
Total	308.31		

JT. NO.	Length	Total	ADD Y/N
221	28.88	6823.97	Y
222	31.62	6855.59	Y
223	31.50	6887.09	Y
224	31.55	6918.64	Y
225	31.62	6950.26	Y
226	31.53	6981.79	Y
227	31.50	7013.29	Y
228	30.25	7043.54	Y
229	29.28	7072.82	Y
230	30.22	7103.04	Y
Total	307.95		

JT. NO.	Length	Total	ADD Y/N
231	29.61	7132.65	Y
232	30.24	7162.89	Y
233	28.26	7191.15	Y
234	30.37	7221.52	Y
235	28.12		Y
236	32.07	7281.71	Y
237	32.13	7313.84	Y
238	31.50	7345.34	Y
239	31.49	7376.83	Y
240	31.52	7408.35	Y
Total	305.31		

JT. NO.	Length	Total	ADD Y/N
241	31.60	7439.95	Y
242	29.11	7469.06	Y
243	32.60	7501.66	Y
244	32.62	7534.28	Y
245	32.57	7566.85	Y
246	32.62	7599.47	Y
247	32.63	7632.10	Y
248	32.60	7664.70	Y
249	32.65	7697.35	Y
250	32.60	7729.95	Y
Total	321.60		

JT. NO.	Length	Total	ADD Y/N
251	32.55	7762.50	Y
252	32.50	7795.00	Y
253	32.55	7827.55	Y
254	32.53	7860.08	Y
255	32.64	7892.72	Y
256	31.48	7924.20	Y
257	32.50	7956.70	Y
258	32.60	7989.30	Y
259	32.71	8022.01	Y
260	32.49	8054.50	Y
Total	324.55		

JT. NO.	Length	Total	ADD Y/N
261	29.78	8084.28	Y
262	30.80	8115.08	Y
263	32.45	8147.53	Y
264	32.46	8179.99	Y
265	32.50	8212.49	Y
266	32.52	8245.01	Y
267	32.43	8277.44	Y
268	31.57	8309.01	Y
269	31.40	8340.41	Y
270	31.50	8371.91	Y
Total	317.41		

JT. NO.	Length	Total	ADD Y/N
271	30.75	8402.66	Y
272	31.55	8434.21	Y
273	31.55	8465.76	Y
274	29.09	8494.85	Y
275	30.57	8525.42	Y
276	30.48	8555.90	Y
277	30.48	8586.38	Y
278	31.25	8617.63	Y
279	32.47	8650.10	Y
280	30.70	8680.80	Y
Total	308.89		

JT. NO.	Length	Total	ADD Y/N
281	32.50	8713.30	Y
282	30.25	8743.55	Y
283	31.50	8775.05	Y
284	31.55	8806.60	Y
285	31.56	8838.16	Y
286	31.60	8869.76	Y
287	31.57		Y
288	31.56	8932.89	Y
289	31.52	8964.41	Y
290	31.56	8995.97	Y
Total	315.17		

JT. NO.	Length	Total	ADD Y/N
291	33.07	9029.04	Y
292	30.45	9059.49	Y
293	31.60	9091.09	Y
294	31.55	9122.64	Y
295	31.55	9154.19	Y
296	31.54	9185.73	Y
297	31.54	9217.27	Y
298	30.63	9247.90	Y
299	31.50	9279.40	Y
300	31.59	9310.99	Y
Total	315.02		

Company : _____
 Lease : _____
 Strapped : _____

JT. NO.	Length	Total	ADD Y/N
301	30.70	9341.69	Y
302	30.48	9372.17	Y
303	30.00	9402.17	Y
304	32.60	9434.77	Y
305	32.37	9467.14	Y
306	31.60	9498.74	Y
307	31.59	9530.33	Y
308	31.58	9561.91	Y
309	31.50	9593.41	Y
310	31.57	9624.98	Y
Total	313.99		

JT. NO.	Length	Total	ADD Y/N
311	31.58	9656.56	Y
312	31.60	9688.16	Y
313	31.55	9719.71	Y
314	31.55	9751.26	Y
315	31.60	9782.86	Y
316	32.73	9815.59	Y
317	30.55	9846.14	Y
318	31.70	9877.84	Y
319	30.99	9908.83	Y
320	31.20	9940.03	Y
Total	315.05		

JT. NO.	Length	Total	ADD Y/N
321	31.55	9971.58	Y
322	31.60	10003.18	Y
323	31.51	10034.69	Y
324	31.53	10066.22	Y
325	31.56	10097.78	Y
326	31.60	10129.38	Y
327	32.60	10161.98	Y
328	32.53	10194.51	Y
329	32.55	10227.06	Y
330	30.55	10257.61	Y
Total	317.58		

JT. NO.	Length	Total	ADD Y/N
331	31.63	10289.24	Y
332	31.53	10320.77	Y
333	31.50	10352.27	Y
334	31.60	10383.87	Y
335	31.64	10415.51	Y
336	31.14	10446.65	Y
337	33.38	10480.03	Y
338	30.93	10510.96	Y
339	32.74	10543.70	Y
340	30.14	10573.84	Y
Total	316.23		

JT. NO.	Length	Total	ADD Y/N
341	31.60	10605.44	Y
342	31.55	10636.99	Y
343	31.22	10668.21	Y
344	31.20	10699.41	Y
345	31.33	10730.74	Y
346	33.45	10764.19	Y
347	31.60	10795.79	Y
348	31.50	10827.29	Y
349	31.60	10858.89	Y
350	28.12	10887.01	Y
Total	313.17		

JT. NO.	Length	Total	ADD Y/N
351	31.05	10918.06	Y
352	31.55	10949.61	Y
353	33.44	10983.05	Y
354	30.72	11013.77	Y
355	30.20	11043.97	Y
356	31.55	11075.52	Y
357	31.56	11107.08	Y
358	31.57	11138.65	Y
359	31.60	11170.25	Y
360	32.24	11202.49	Y
Total	315.48		

JT. NO.	Length	Total	ADD Y/N
361	31.65	11234.14	Y
362	31.55	11265.69	Y
363	31.57	11297.26	Y
364	31.58	11328.84	Y
365	31.59	11360.43	Y
366	31.60	11392.03	Y
367	31.50	11423.53	Y
368	31.55	11455.08	Y
369	31.50	11486.58	Y
370	31.54	11518.12	Y
Total	315.63		

JT. NO.	Length	Total	ADD Y/N
371	31.55	11549.67	Y
372	31.47	11581.14	Y
373	31.40	11612.54	Y
374	30.25	11642.79	Y
375	31.60	11674.39	Y
376	31.80	11706.19	Y
377	31.33	11737.52	Y
378	31.35	11768.87	Y
379	31.50	11800.37	Y
380	31.47	11831.84	Y
Total	313.72		

JT. NO.	Length	Total	ADD Y/N
381	31.60	11863.44	Y
382	31.55	11894.99	Y
383	31.35	11926.34	Y
384	31.00	11957.34	Y
385	31.35	11988.69	Y
386	31.53	12020.22	Y
387	31.55	12051.77	Y
388	31.00	12082.77	Y
389	31.00	12113.77	Y
390	30.99	12144.76	Y
Total	312.92		

JT. NO.	Length	Total	ADD Y/N
391	31.50	12176.26	Y
392	31.55	12207.81	Y
393	31.53	12239.34	Y
394	31.55	12270.89	Y
395	31.00	12301.89	Y
396	31.35	12333.24	Y
397	30.95	12364.19	Y
398	30.63	12394.82	Y
399	31.55	12426.37	Y
400	31.00	12457.37	Y
Total	312.61		

JT. NO.	Length	Total	ADD Y/N
401	31.57	12488.94	Y
402	31.60	12520.54	Y
403	31.55	12552.09	Y
404	31.35	12583.44	Y
405	31.30	12614.74	Y
406	31.50	12646.24	Y
407	31.43	12677.67	Y
408	31.53	12709.20	Y
409	31.00	12740.20	Y
410	31.52	12771.72	Y
Total	314.35		

JT. NO.	Length	Total	ADD Y/N
411	31.00	12802.72	Y
412	31.55	12834.27	Y
413	31.55	12865.82	Y
414	31.56	12897.38	Y
415	31.56	12928.94	Y
416	31.50	12960.44	Y
417	31.55	12991.99	Y
418	30.95	13022.94	Y
419	31.50	13054.44	Y
420	31.51	13085.95	Y
Total	314.23		

JT. NO.	Length	Total	ADD Y/N
421	32.09	13118.04	Y
422	31.50	13149.54	Y
423	31.50	13181.04	Y
424	31.00	13212.04	Y
425	31.50	13243.54	Y
426	31.20	13274.74	Y
427	31.68	13306.42	Y
428	31.51	13337.93	Y
429	31.57	13369.50	Y
430	31.50	13401.00	Y
Total	315.05		

JT. NO.	Length	Total	ADD Y/N
431	31.35	13432.35	Y
432	31.50	13463.85	Y
433	31.49	13495.34	Y
434	30.95	13526.29	Y
435	31.55	13557.84	Y
436	31.54	13589.38	Y
437	28.65	13618.03	Y
438	33.35	13651.38	Y
439	31.56	13682.94	Y
440	31.50	13714.44	Y
Total	313.44		

JT. NO.	Length	Total	ADD Y/N
441	31.20	13745.64	Y
442	31.00	13776.64	Y
443	31.44	13808.08	Y
444	31.50	13839.58	Y
445	31.00	13870.58	Y
446	31.00	13901.58	Y
447	31.05	13932.63	Y
448	31.30	13963.93	Y
449	30.95	13994.88	Y
450	31.52	14026.40	Y
Total	311.96		

JT. NO.	Length	Total	ADD Y/N
451	31.55	14057.95	Y
452	31.50	14089.45	Y
453	31.00	14120.45	Y
454	31.60	14152.05	Y
455	31.00	14183.05	Y
456	31.56	14214.61	Y
457	30.96	14245.57	Y
458	31.50	14277.07	Y
459	31.53	14308.60	Y
460	31.57	14340.17	Y
Total	313.77		

Company : _____
 Lease : _____
 Strapped : _____

JT. NO.	Length	Total	ADD Y/N
461	31.52	14371.69	Y
462	31.55	14403.24	Y

JT. NO.	Length	Total	ADD Y/N
471			Y
472			Y

JT. NO.	Length	Total	ADD Y/N
481			Y
482			Y

JT. NO.	Length	Total	ADD Y/N
491			Y
492			Y

463	31.00	14434.24	Y
464	31.54	14465.78	Y
465	31.50	14497.28	Y
466			Y
467			Y
468			Y
469			Y
470			Y

Total 157.11

473			Y
474			Y
475			Y
476			Y
477			Y
478			Y
479			Y
480			Y

Total

483			Y
484			Y
485			Y
486			Y
487			Y
488			Y
489			Y
490			Y

Total

493			Y
494			Y
495			Y
496			Y
497			Y
498			Y
499			Y
500			Y

Total

JT. NO.	Length	Total	ADD Y/N
501			Y
502			Y
503			Y
504			Y
505			Y
506			Y
507			Y
508			Y
509			Y
510			Y

Total

JT. NO.	Length	Total	ADD Y/N
511			Y
512			Y
513			Y
514			Y
515			Y
516			Y
517			Y
518			Y
519			Y
520			Y

Total

JT. NO.	Length	Total	ADD Y/N
521			Y
522			Y
523			Y
524			Y
525			Y
526			Y
527			Y
528			Y
529			Y
530			Y

Total

JT. NO.	Length	Total	ADD Y/N
531			Y
532			Y
533			Y
534			Y
535			Y
536			Y
537			Y
538			Y
539			Y
540			Y

Total

JT. NO.	Length	Total	ADD Y/N
541			Y
542			Y
543			Y
544			Y
545			Y
546			Y
547			Y
548			Y
549			Y
550			Y

Total

JT. NO.	Length	Total	ADD Y/N
551			Y
552			Y
553			Y
554			Y
555			Y
556			Y
557			Y
558			Y
559			Y
560			Y

Total

JT. NO.	Length	Total	ADD Y/N
561			Y
562			Y
563			Y
564			Y
565			Y
566			Y
567			Y
568			Y
569			Y
570			Y

Total

JT. NO.	Length	Total	ADD Y/N
571			Y
572			Y
573			Y
574			Y
575			Y
576			Y
577			Y
578			Y
579			Y
580			Y

Total

JT. NO.	Length	Total	ADD Y/N
581			Y
582			Y
583			Y
584			Y
585			Y
586			Y
587			Y
588			Y
589			Y
590			Y

Total

JT. NO.	Length	Total	ADD Y/N
591			Y
592			Y
593			Y
594			Y
595			Y
596			Y
597			Y
598			Y
599			Y
600			Y

Total

JT. NO.	Length	Total	ADD Y/N
601			Y
602			Y
603			Y
604			Y
605			Y
606			Y
607			Y
608			Y
609			Y
610			Y

Total

JT. NO.	Length	Total	ADD Y/N
611			Y
612			Y
613			Y
614			Y
615			Y
616			Y
617			Y
618			Y
619			Y
620			Y

Total