



Amoco Production Company

February 13, 1987

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

RECEIVED
FEB 19 1987

DIVISION OF
OIL, GAS & MINING

Proposed Well:
ARE W12-04
SE/4 SE/4 Sec. 2, T3N, R7E
Summit County, Utah

Amoco Production Company herewith submits for your approval
an APD for the above referenced well.

A secondary water source has been applied for with the Utah
State Engineers office. Our primary source will be from the
ARE W21-04 water well, Permit #T61916 which is currently an
approved water well.

Should you require further information please contact Karen
Gollmer of this office at (307) 783-2234.

Thank you,


R. M. Ramsey
District Admn Supv

/kg

Encl.

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

4

Fee

5. Lease Designation and Serial No.

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 829, EVANSTON, WYOMING 82930

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface 850' FEL & 361' FSL Section 2 SE/SE
At proposed prod. zone (BHL) 430' FNL & 430' FWL Section 12 NW/NW

6. If Indian, Allottee or Tribe Name

Anschutz Ranch East

7. Unit Agreement Name

W12-04

8. Farm or Lease Name

W12-04

9. Well No.

Anschutz Ranch East

10. Field and Pool, or Wildcat

Sec. 2, T3N, R7E

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

Summit Utah

12. County or Parrish 13. State

14. Distance in miles and direction from nearest town or post office*
23 miles Southwest of Evanston, Wyoming

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 850'

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. 1200'

19. Proposed depth 15,377'

20. Rotary or cable tools

21. Elevations (Show whether DF, RT, GR, etc.) 8877' Ungraded Ground

22. Approx. date work will start*

Upon approval of APD

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94#	1500'	to surface
17 1/2"	13 3/8"	61,68#	7727'	to surface
12 1/4"x16"	9 5/8"x10 5/8"	47,53.5, 101.4#	13229'	TD - 12500'
8 1/2"	7"	26,32#	15377'	TD - 12500'

AMOCO PROPOSES DRILLING TO DEVELOP NUGGET RESERVES

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

TE. 6-24-87
John R. Brea
WELL SPACING: 203

RECEIVED
FEB 19 1987

DIVISION OF
OIL, GAS & MINING

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

24. Signed: Walter H. Shoffer Title: District Drilling Supervisor Date: 2-13-87

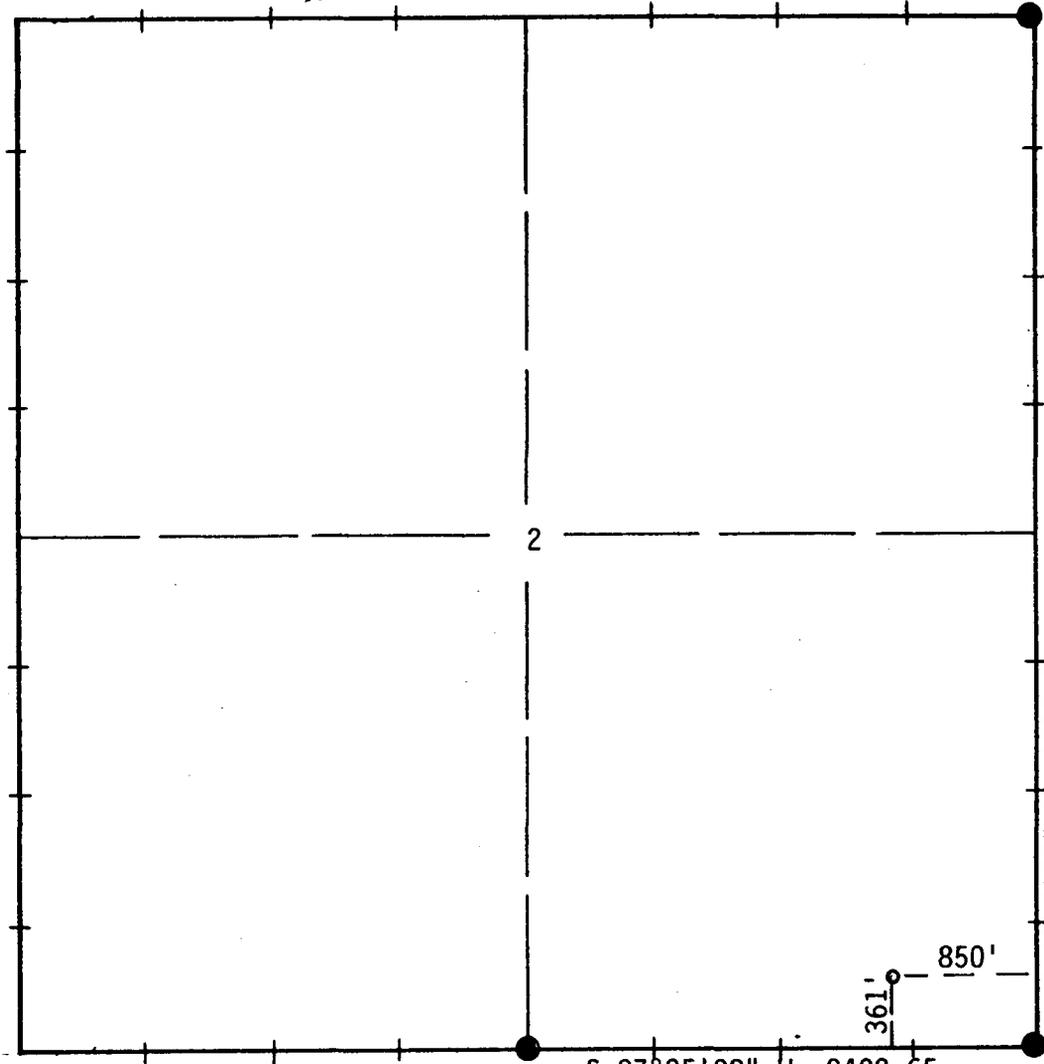
(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

NW Corner T 3N R 7E NE Corner



SCALE: 1" = 1000'

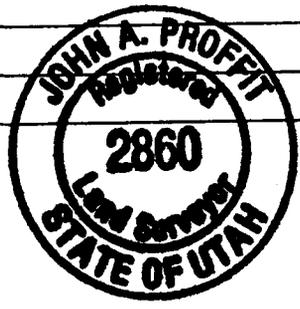
- Found Brass Cap
- Found Stone
- ⊙ Set Alum. Cap
- ⊗ Found Stone - Set Alum. Cap
- Hub and Tack
- △ Proportioned Corner

SW Corner

S 87°25'08" W, 2492.65 SE Corner

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from John Greener of Evanston, Wyoming for Amoco Production Company I made a survey on the 4th day of September, 19 86 for Location and Elevation of the A.R.E. W12-04 Well as shown on the above map, the wellsite is in the SE 1/4 of the SE 1/4 of Section 2, Township 3N, Range 7E of the S.L.B.M., Summit County, State of Utah, Elevation is 8877 Feet Top of Pin Datum N.G.V.D.-1929; based on 3-dimensional control network tied to U.S.G.S. & U.S.C. & C.T. benchmarks

Reference point _____
 Reference point _____
 Reference point _____
 Reference point _____



John A. Proffit 9/5/86
 JOHN A. PROFFIT, UTAH R.L.S. NO. 2860

BOOK: 387
 DATE: 9/5/86
 JOB NO.: 86-10-33

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

10-Point Drilling Program

ARE W12-04

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

RECEIVED
FEB 19 1987

<u>Formation</u>	<u>Depth</u>
Frontier	3,377'
Aspen	7,377'
Bear River	7,677'
Gannet	8,977'
Preuss	11,877'
Salt	12,977'
Twin Creek	13,177'
*Nugget	14,777'
Total Depth	15,377'

DIVISION OF
OIL, GAS & MINING

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

<u>Substances</u>	<u>Depth</u>
Oil Gas, Water	14,777'

- 4) Casing Program:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>Cementing Depth</u>
26"	20"	94#	H40	STC	1500'
17 1/2"	13 3/8"	61,68#	S80	BTC	7727'
12 1/4"x16"	9 5/8"x10 5/8"	47,53.5,101.4	HC95, P110	LTC & x-line	13229'
8 1/2"	7"	26,32#	N80	BTC & LTC	15377'

13 3/8" casing will be cemented from setting depth to surface

- 5) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. 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 diagram. BOPs will be tested every 30-day interval and after every string of casing is run. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

6) Mud Program:

<u>Interval</u>	<u>Type Mud</u>	<u>Wt #/gal</u>	<u>Viscosity</u>	<u>WL CC/30M</u>
0-1500'	Air/Mist/Aerated	5-6#/gal	Sufficient to clean and stabilize hole.	
1500-7800'	LSND/Aerated	6.0-8.8		
7800-12900'	Oil	7.8-8.3		
12900-13200'	Wtd Oil	10.5-11.0		
13200-TD	LSND	8.6-8.8		

7) Auxiliary Equipment:

Kelly cock; sub with full opening valve 3" choke manifold with remote control choke; monitor system on pit level, audio and visual; mudlogger (2-man type) w/chromatograph . . .

8) Testing Program:

DST's

None

Logging Program:

DIL-GR	Base of surface casing to TD
CDL-CNS-GR-CAL	Base of surface casing to TD
BCS-GR-CAL	Base of surface casing to TD
Digital Array Sonic	Base of surface casing to TD
Six-arm dipmeter-GR	Base of surface casing to TD
Check Shot Velocity	Base of surface casing to TD
Gyro Directional	Base of surface casing to TD

Coring Program:

None

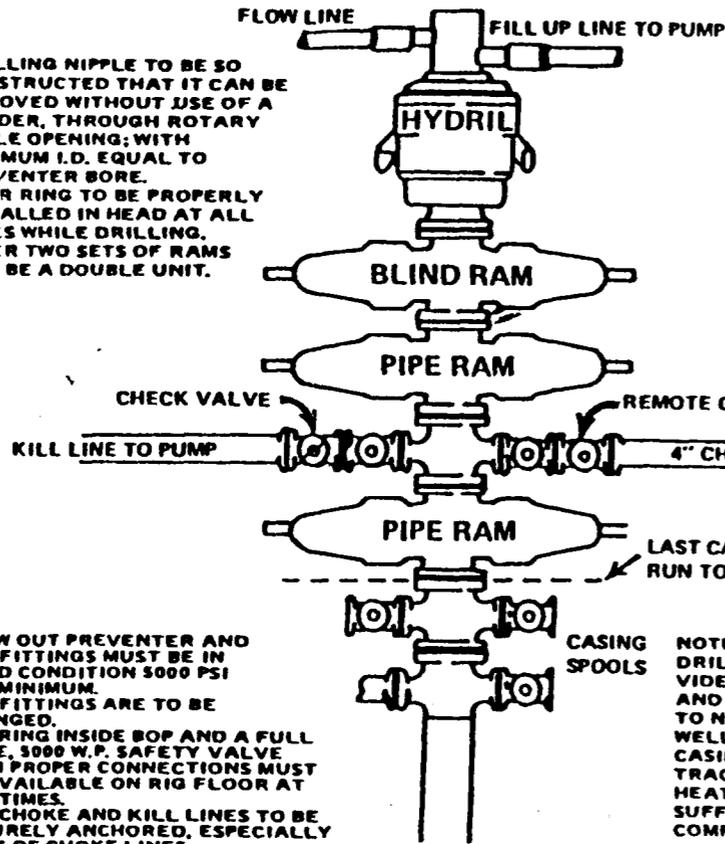
9) No abnormal pressures or temperatures are anticipated.

10) Anticipated starting date will be when approved and the duration of drilling operations will be approximately 130 days.

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

NOTE:

1. DRILLING NIPPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING; WITH MINIMUM I.D. EQUAL TO PREVENTER BORE.
2. WELDER RING TO BE PROPERLY INSTALLED IN HEAD AT ALL TIMES WHILE DRILLING.
3. UPPER TWO SETS OF RAMS MAY BE A DOUBLE UNIT.



NOTE:

1. BLOW OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION 5000 PSI W.P. MINIMUM.
2. ALL FITTINGS ARE TO BE FLANGED.
3. A STRING INSIDE BOP AND A FULL BORE, 5000 W.P. SAFETY VALVE WITH PROPER CONNECTIONS MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES.
4. ALL CHOKE AND KILL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKE LINES.
5. KILL LINE MUST BE CONNECTED AT ALL TIMES.
6. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
7. MUST HAVE KELLY COCK ON KELLY.
8. EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.
9. RIG FLOOR BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO DRILLER'S POSITION AS FEASIBLE.
10. BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE ENOUGH CAPACITY TO OPERATE BOP'S OPEN/CLOSE TWICE, TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION.
11. EXTEND KILL LINE 150' FROM WELLBORE FOR AUXILIARY HOOKUP CAPABILITY.
12. NO COLLECTOR BOTTLES, SURGE TANKS OR BUFFER CHAMBERS DOWNSTREAM OF THE CHOKE MANIFOLD.
13. THE CHOKE LINE FROM THE STACK TO THE MANIFOLD MUST BE STRAIGHT.
14. IF A FLEXIBLE HOSE IS TO BE USED AS A CHOKE LINE, IT MUST BE APPROVED BY AMOCO PRIOR TO RIGGING UP.

NOTE:

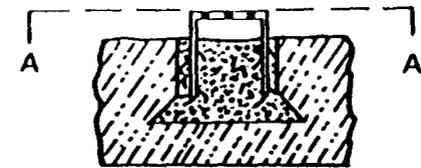
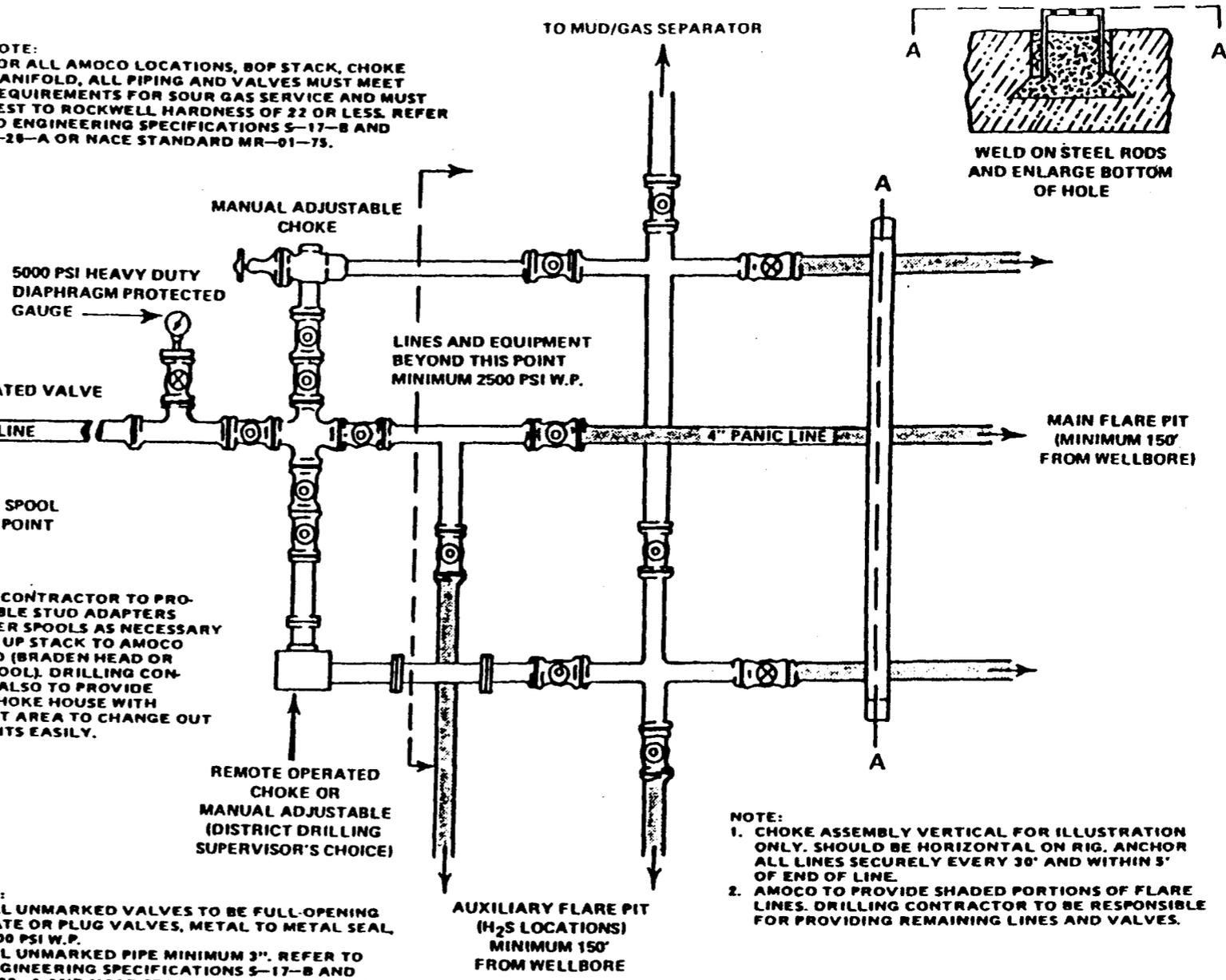
FOR ALL AMOCO LOCATIONS, BOP STACK, CHOKE MANIFOLD, ALL PIPING AND VALVES MUST MEET REQUIREMENTS FOR SOUR GAS SERVICE AND MUST TEST TO ROCKWELL HARDNESS OF 22 OR LESS. REFER TO ENGINEERING SPECIFICATIONS S-17-B AND S-28-A OR NACE STANDARD MR-01-75.

NOTE:

DRILLING CONTRACTOR TO PROVIDE DOUBLE STUD ADAPTERS AND SPACER SPOOLS AS NECESSARY TO NIPPLE UP STACK TO AMOCO WELLHEAD (BRADEN HEAD OR CASING SPOOL). DRILLING CONTRACTOR ALSO TO PROVIDE HEATED CHOKE HOUSE WITH SUFFICIENT AREA TO CHANGE OUT COMPONENTS EASILY.

NOTE:

1. ALL UNMARKED VALVES TO BE FULL-OPENING GATE OR PLUG VALVES, METAL TO METAL SEAL, 5000 PSI W.P.
2. ALL UNMARKED PIPE MINIMUM 3". REFER TO ENGINEERING SPECIFICATIONS S-17-B AND S-28-A AND NACE STANDARD MR-01-75 FOR APPROVED GRADES.
3. ALL WELDS MUST BE HEAT TREATED ACCORDING TO ENGINEERING SPECIFICATION S-28-A OR NACE STANDARD MR-01-75.



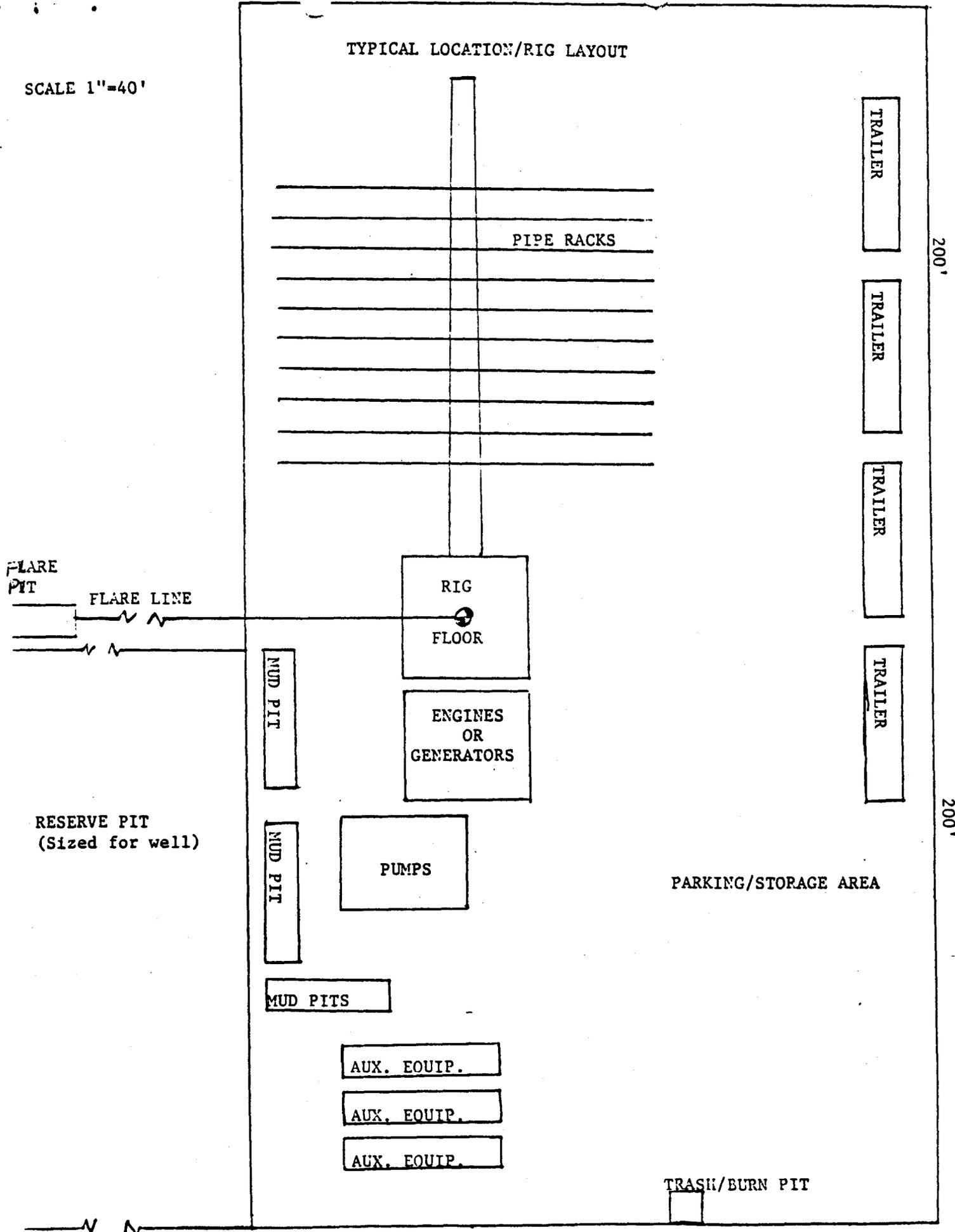
WELD ON STEEL RODS AND ENLARGE BOTTOM OF HOLE

NOTE:

1. CHOKE ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. ANCHOR ALL LINES SECURELY EVERY 30' AND WITHIN 5' OF END OF LINE.
2. AMOCO TO PROVIDE SHADED PORTIONS OF FLARE LINES. DRILLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING REMAINING LINES AND VALVES.

TYPICAL LOCATION/RIG LAYOUT

SCALE 1"=40'



200'

200'

FLARE PIT
FLARE LINE

RESERVE PIT
(Sized for well)

MUD PIT

MUD PIT

MUD PITS

AUX. EQUIP.

AUX. EQUIP.

AUX. EQUIP.

TRASH/BURN PIT

TRAILER

TRAILER

TRAILER

TRAILER

PARKING/STORAGE AREA

RIG FLOOR

ENGINES OR GENERATORS

PUMPS

PIPE RACKS

DRILLING LOCATION ASSESSMENT
State of Utah
Division of Oil, Gas & Mining

OPERATOR: Amoco Production Co. WELL NAME: AREU W12-04
QTR/QTR: SURFACE: 3E 3E SECTION: 2 TWP: 3N RANGE: 7E
BHL: NW NW SURF: 850 E 361 3
COUNTY: SUMMIT FIELD: ANSCHUTZ RANCH EAST BHL: 430 FWL 430 FN1
SURF: ANSCHUTZ RANCH CORP.
SFC OWNER: BHL: LOREN MOENCH LEASE #: Fee
SPACING: F SECTION LINE F QTR/QTR LINE F ANOTHER WELL
INSPECTOR: CAROL REVELT DATE & TIME: 2/16/87 10:30 a.m.
PARTICIPANTS: CAROL REVELT

REGIONAL SETTING/TOPOGRAPHY: LOCATION IS IN THE NORTH EAST TRENDING UTAH
THRUST BELT ON THE WEST FLANK OF PORCUPINE MOUNTAIN AT ~8890'.

LAND USE

CURRENT SURFACE USE: OPEN RANGE AND GRAZING OF BOTH DOMESTIC LIVESTOCK AND
WILDLIFE.

PROPOSED SURFACE DISTURBANCE: ~1/4 MILE ACCESS ROAD, DRILLING PAD = 370' x 205' WITH A
PIT AREA OF 91' x 200' OFF THE NE 1/4 OF THE PAD. ENTIRE SITE IS
ORIENTED TO THE NW (SEE ATTACHED CUT AND FILL DIAGRAM).

AFFECTED FLOODPLAINS AND/OR WETLANDS: FLOODPLAIN OF HUFF CREEK IS LOCATED ABOUT 4 MILES
DOWNSTREAM FROM LOCATION. SOME NATURAL SPRINGS MAY EXIST OFF THE W. SIDE OF ^{porcupine} MTN.

FLORA/FAUNA: Sagebrush, native grasses, a few isolated stands of Aspen trees, elk,
DEER.

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: CLAYEY-SILTY SOIL w/ SOME PEBBLES

SURFACE FORMATION & CHARACTERISTICS: TERTIARY WASATCH AT THE SURFACE
CONSISTING OF INTERBEDDED SANDS AND SHALES.

EROSION/SEDIMENTATION/STABILITY: LOCATION MAY BE ON THE SPOT OF AN ANCIENT DEBRIS FLOW BUT AREA IS NOW STABLE. UPSLOPE EAST OF LOCATION IS ~15°. LARGEST CUT
SUBSURFACE GEOLOGY IS ONLY ~30'.

OBJECTIVE(S)/DEPTH(S): NUGGET @ 14,777'. TOTAL DEPTH @ 15,377'.

ABNORMAL PRESSURES - HIGH AND LOW: NONE ANTICIPATED.

CULTURAL RESOURCES/ARCHAEOLOGY: NO SURVEY DONE - LOCATION IS ON FEE LAND AND OWNERS HAVE OPTED TO FOREGO SURVEY. NO APPARENT REMAINS IN DANGER.

WATER RESOURCES: LOCATION IS 3500' E-SE AND 930' VERTICAL FROM THE BEAVER PONDS AT THE HEADWATERS OF HUFF CREEK WHICH EVENTUALLY JOINS CHALK CREEK 10 MILES DOWNSTREAM. THERE MAY BE SOME SPRINGS DOWNSLOPE FROM THE LOCATION ON THE WEST FLANK OF PORCUPINE MOUNTAIN.

RESERVE PIT

CHARACTERISTICS: 170' x 61' x 10' LOCATED ENTIRELY ON CUT.

LINING: TO BE DETERMINED AFTER DIGGING PIT.

MUD PROGRAM: 0-1500': AIR/MIST/AERATED; 1500'-7800': LSND/AERATED; 7800'-12,900': OIL; 12,900'-13,200': WTD OIL; 13,200'-TD: LSND.

DRILLING WATER SUPPLY: PRIMARY SOURCE FROM AREA 21-04 (PERMIT # T 61916). APPLICATION HAS BEEN SUBMITTED FOR A SECONDARY SOURCE.

OTHER OBSERVATIONS: 2/23: C.R. SPOKE WITH WALT SCHAEFFER OF AMXO. NO SPRINGS HAVE BEEN FOUND AFTER DOING INITIAL DIRT WORK. - THEY WILL PROBABLY NOT LINE THE PIT. ANTICIPATED SPUD DATE IS MID-MARCH.

STIPULATIONS FOR APD APPROVAL: LINE PIT IF ANY SPRINGS ARE ENCOUNTERED WHILE DOING DIRT WORK FOR PIT.

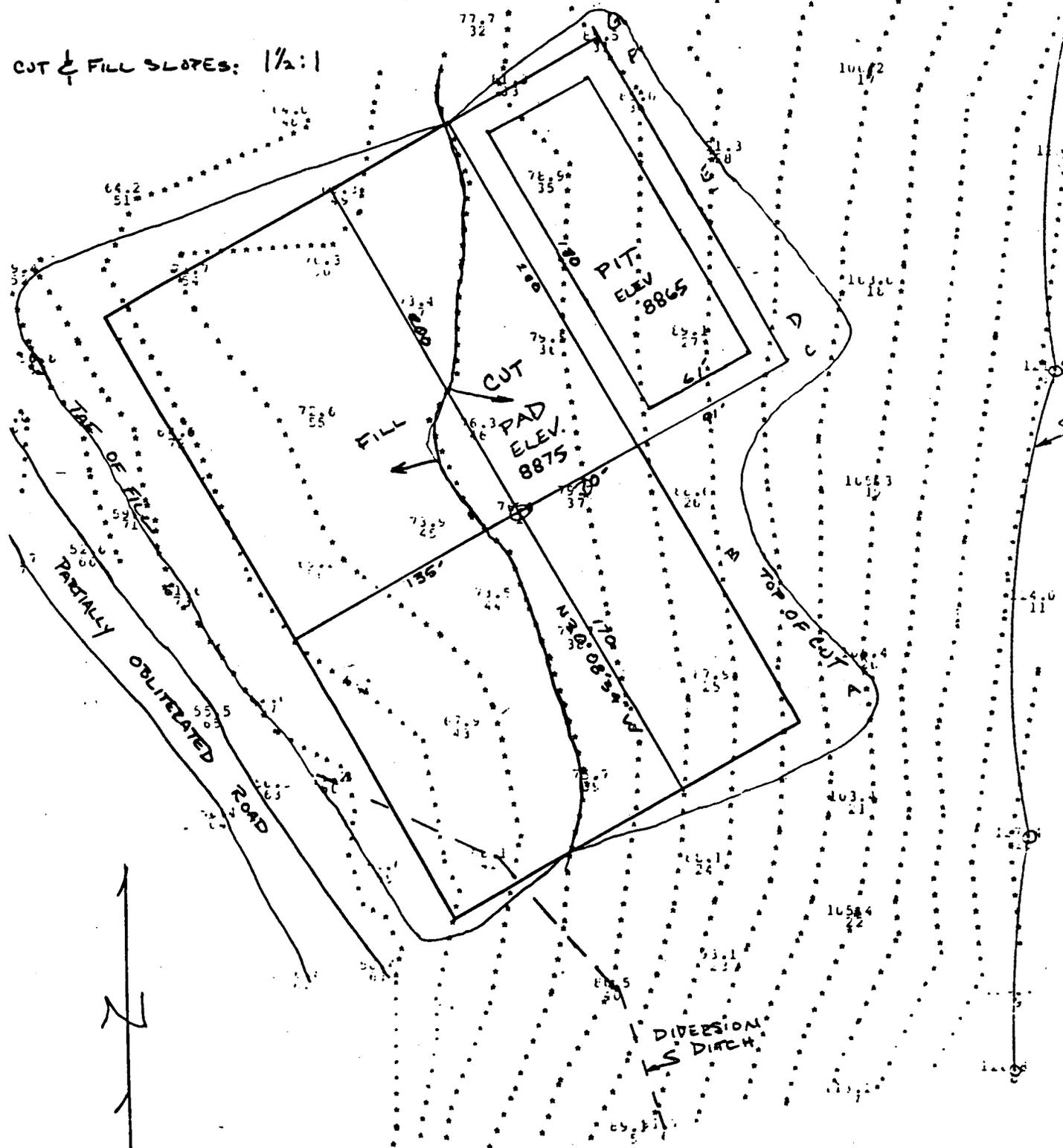
ATTACHMENTS

1. PHOTOS
2. CUT AND FILL DIAGRAM
3. TOPOGRAPHIC MAP.

CUT AND FILL DIAGRAM

CUT: 24,007 cy.
FILL: 11,052 cy.
SPOIL: 12,975

CUT & FILL SLOPES: 1/2:1



Amoco
W12-04 WELL SITE

022606

OPERATOR Amoco Production Co. DATE 2-23-87

WELL NAME Quachety Ranch East W12-04

^{Surf.} SEC SESE 2 T. 3N R. 7E COUNTY Summit
B#L NW/NW 12

43-043-30283
API NUMBER

Free
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit well
Water or (#J 61916) - #21-1552

APPROVAL LETTER:

SPACING:

203

Quachety Ranch
UNIT East

302

CAUSE NO. & DATE

302.1

STIPULATIONS:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

February 24, 1987

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

Gentlemen:

Re: Anschutz Ranch East W12-04 - (Surf.) SE SE Sec. 2, T. 3N, R. 7E
361' FSL, 850' FEL - (BHL) NW NW Sec. 12, T. 3N, R. 7E
430' FNL, 430' FWL - Summit County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

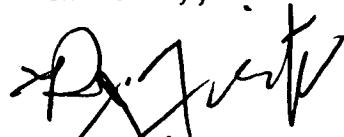
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

Pae 2
Amoco Production Company
Anschutz Ranch East W12-04
February 24, 1987

6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30283.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: D. R. Nielson
8159T

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

SUBMIT IN TRIPPLICATE*
(Other instructions on
side)

031301

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 purposes.)

RECEIVED
MAR 06 1987

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
850' FEL & 361' FSL Sec. 2 surface
430' FNL & 430' FWL Sec. 12 BHL

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
W12-04

9. WELL NO.
W12-04

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
BHL SEC 12,
Sec. 2, T3N, R7E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

14. PERMIT NO.
43-043-30283

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8877' Ungraded Ground

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

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

(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 proposes the following changes to the original APD:

Casing and Cementing Program

Size of Hole	Size of Casing	Wt/Ft	Setting Depth	Quantity of Cmt
26"	20"	133#	1500'	to surface
17 1/2"	13 3/8"	61, 68, 72#	7727'	TD-3000' *
12 1/4" x 16"	9 5/8" x 10 5/8"	47, 53.5, 101.4#	13229'	TD-12500'
8 1/2"	7"	26, 29, 32#	15377'	TD-12500'

* The 13 3/8" surface casing will also be top cemented with 375 sx cement from 250' to surface.

Per telecon between John Baza UTO&GC and Jon Greener Amoco at 0930 hrs on 3-3-87.

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

SIGNED Deus J. Payne TITLE Administrative Supervisor DATE 3-3-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side
3-12-87
John R. Baza

031125

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-043-30283

NAME OF COMPANY: AMOCO PRODUCTION CO.

WELL NAME: ANSCHUTZ RANCH EAST UNIT W12-04

SURF. SE SE 2
SECTION BHL NW NW TOWNSHIP 3N RANGE 7E COUNTY Summit
Sec. 12

DRILLING CONTRACTOR Bill Jr. Rat Hole

RIG # _____

SPUDDED: DATE 3-7-87

TIME _____

How Dry Hole Spud

DRILLING WILL COMMENCE Approx. 2 Weeks - Grace - Rig #180

REPORTED BY Karen Golmer

TELEPHONE # (307) 789-2234

DATE 3-6-87 SIGNED AS

The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

Signature of Applicant

RECEIVED
MAR 23 1987

DIVISION OF
OIL, GAS & MINING

STATE ENGINEER'S ENDORSEMENT

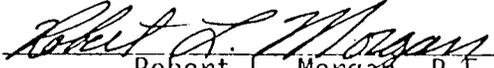
WATER RIGHT NUMBER: 21 - 1569

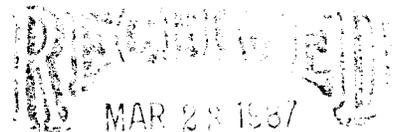
APPLICATION NO. T62333

1. March 9, 1987 Application received.
 2. March 16, 1987 Application designated for APPROVAL by RMF and SG.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated March 20, 1987, subject to prior rights and this application will expire on March 20, 1988.


Robert L. Morgan, P.E.
State Engineer



DIVISION OF
OIL, GAS & MINING

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.)

Form fields 1-15 including: 1. OIL WELL [] GAS WELL [x] OTHER []; 2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY; 3. ADDRESS OF OPERATOR: P. O. BOX 829, EVANSTON, WYOMING 82930; 4. LOCATION OF WELL: 850' FEL & 361' FSL Sec. 2, surface; 14. PERMIT NO.: 43-043-30283; 15. ELEVATIONS: 8877' Ungraded Ground

RECEIVED APR 02 1987 DIVISION OF OIL, GAS & MINING

Form fields 5-13 including: 5. LEASE DESIGNATION AND SERIAL NO. Fee; 7. UNIT AGREEMENT NAME: Anschutz Ranch East; 9. WELL NO.: W12-04; 11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA: Sec. 2, T3N, R7E; 13. COUNTY OR PARISH: Summit; 14. STATE: Utah

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

Grid for 16. NOTICE OF INTENTION TO: TEST WATER SHUT-OFF, FRACTURE TREAT, SHOOT OR ACIDISE, REPAIR WELL, (Other); FULL OR ALTER CASING, MULTIPLE COMPLETE, ABANDON*, CHANGE PLANS; SUBSEQUENT REPORT OF: WATER SHUT-OFF, FRACTURE TREATMENT, SHOOTING OR ACIDIZING, (Other); REPAIRING WELL, ALTERING CASING, ABANDONMENT*

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 above referenced well was spud on 03-30-87 at 1800 hrs. The Drilling Contractor is Grace Drilling 180. The Water Well Permit No. is 21-1569 T62333.

18. I hereby certify that the foregoing is true and correct SIGNED [Signature] TITLE Administrative Supervisor DATE 3/31/87

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

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
042810

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W12-04

9. WELL NO.
W12-04

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLE. AND SUBST OR AREA
Sec. 12, T3N, R7E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 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
850' FEL & 361' FSL surface
430' FNL & 430' FWL BHL

14. PERMIT NO.
43-043-30283

15. ELEVATIONS (Show whether DV, HT, OR, etc.)
8877' Ungraded Ground

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 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>Report of Operations</u>	
(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: 04-23-87
Spud: 03-30-87
Drilling Contractor: Grace 180
Depth: 1,663'
Bit: 26.00 in

Drilling Ahead



DIVISION OF OIL, GAS & MINING

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

SIGNED [Signature] TITLE District Manager DATE 4-23-87

(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

Duly

5. LEASE DESIGNATION AND SERIAL NO. Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME 050727
7. UNIT AGREEMENT NAME Anschutz Ranch East
8. FARM OR LEASE NAME W12-04
9. WELL NO. W12-04
10. FIELD AND POOL, OR WILDCAT W12-04
11. SEC., T., R., M., OR BLM. AND SUBVEY OR AREA Sec 2, T3N, R7E
12. COUNTY OR PARISH Summit
13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 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
850' FEL & 361' FSL Surface
430' FNL & 430' FWL BHL

14. PERMIT NO.
43-043-30283

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
8877' Ungraded Ground

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 checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

On the original APD approved by the UTO&GC on 4-24-87 Amoco Production Co. proposed to set the 20" casing at 1500'.

The 20" casing was set at 1105' with 2300 sx cmt.

RECEIVED
MAY 04 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED *Dennis T. Lopez* TITLE Administrative Supervisor DATE 5-1-87

(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

Daly

5. LEASE DESIGNATION AND SERIAL NO.
Fee
6. IF INDIAN, ALLOTTEE OR FARM NAME
051412
7. UNIT AGREEMENT NAME
Anschutz Ranch East
8. FARM OR LEASE NAME
Moench Investment Co. Ltd
9. WELL NO.
2
10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch
11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA
Sec. 12, T3N, R7E
12. COUNTY OR PARISH
Summit
13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER
2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY
3. ADDRESS OF OPERATOR
P. O. BOX 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
850' FEL & 361' FSL surface
430' FNL & 430' FWL BHL
14. PERMIT NO.
43-043-30283
15. ELEVATIONS (Show whether DV, ST, OR, etc.)
8877' Ungraded Ground

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

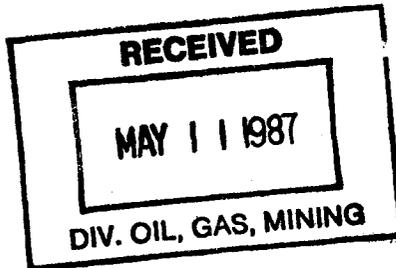
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDISE
REPAIR WELL
(Other)
FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDISING
(Other) Name Change
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Please note: The above referenced well has had a name change from W12-04 to Moench Investment Company Ltd. #2



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

SIGNED Lon Buechner TITLE Operations Supervisor DATE 5-6-87

(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 060217																				
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Duly																				
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 850' FEL & 361' FSL surface 430' FNL & 430' FWL BHL SEC. 12, 3N 7E		8. FARM OR LEASE NAME Moench Investment Co. Ltd.																				
14. PERMIT NO. 43-043-30283	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8877' Ungraded Ground	9. WELL NO. #2																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East																				
<table border="0"> <tr> <th colspan="2">NOTICE OF INTENTION TO:</th> <th colspan="2">SUBSEQUENT REPORT OF:</th> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL 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 ACIDISING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <u>Report of Operations</u> <input type="checkbox"/></td> <td></td> </tr> </table>		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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u> <input type="checkbox"/>		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 2, T3N, R7E
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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																			
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u> <input type="checkbox"/>																				
		12. COUNTY OR PARISH Summit																				
		13. STATE Utah																				

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u> <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: 05-21-87
 Spud: 03-30-87
 Drilling Contractor: Grace 180
 Depth: 5,460'
 Bit: 17.500 in
 Drilling Ahead

RECEIVED
MAY 26 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
 SIGNED Louis T. Rozzic TITLE Administrative Supervisor DATE 5-21-87

(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 TRIPPLICATE*
(Other instructions on reverse side)

061709

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 <u>Dwg.</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Anschutz Ranch East
8. FARM OR LEASE NAME Moench Investment Co. Ltd
9. WELL NO. #2
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec. 2, T3N R7E
12. COUNTY OR PARISH Summit
13. STATE UT

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON 82930
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 850' FEL & 361' FSL surface 430' FNL & 430' FWL BHL
14. PERMIT NO. 43-043-30283
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 8877' Ungraded Ground

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

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

(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.)*

Casing and Cementing Program

The 13 3/8" 61#, 68#, 72# k080, N80, K55 Btc casing was set at 7671' and cemented to surface with 4005 sacks of cement.

RECEIVED
JUN 15 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Chris T. Loyale* TITLE Administrative Supervisor DATE 6-12-87

(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 <u>Duly</u>
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 070712
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 850' FEL & 361' FSL surface 430' FNL & 430' FWL BHL		8. FARM OR LEASE NAME Moench Investment Co., Ltd.
14. PERMIT NO. 43-043-30283	15. ELEVATIONS (Show whether DS, ST, OR, etc.) 8877' Ungraded Ground	9. WELL NO. #2
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 12, T3N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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>	
(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: 06-23-87
 Spud: 03-30-87
 Drilling Contractor: Grace 180
 Depth: 9,213'
 Bit: 12.25 in
 Drilling Ahead

RECEIVED
JUN 25 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED Louis T. Payne TITLE Administrative Supervisor DATE 6-23-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Double Jack Testing & Services Inc.

P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

FIELD
TICKET 5293

DATE July 11 1987
OPERATOR Amdco
COUNTY SUMMIT STATE UTAH

RIG NAME AND # GLACE OIL # 180
WELL NAME AND NO. MOENICH Investment #2
SECTION 2 TOWNSHIP 3-N RANGE 7-E

EQUIPMENT TESTED

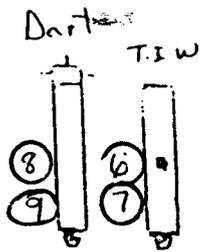
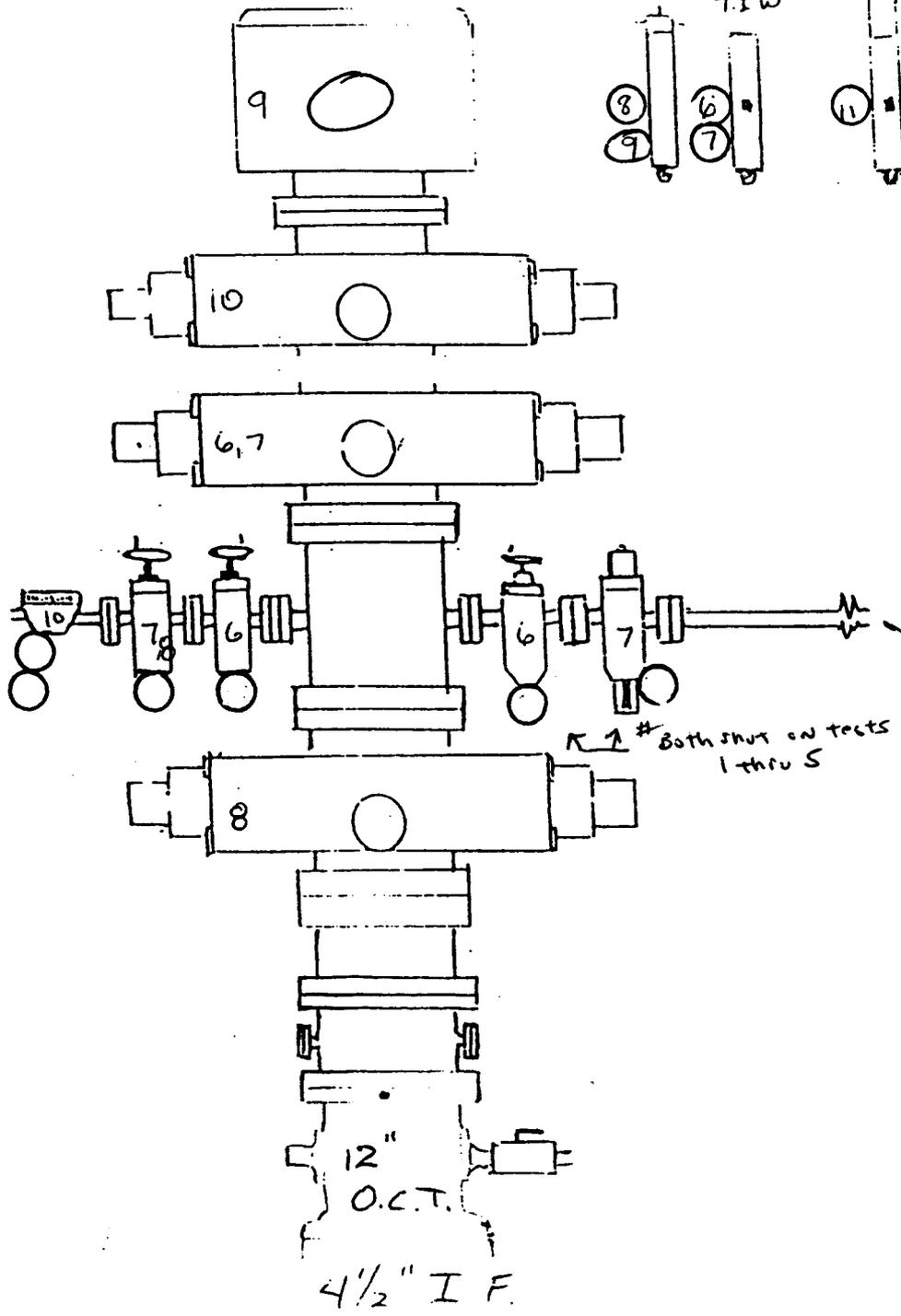
<u>Blind</u>	RAMS	<u>LOW TEST 300 PSI F/5min, HIGH TEST 3000 PSI F/15min</u>
<u>Lower pipe</u>	RAMS	<u>" "</u>
<u>Upper pipe</u>	RAMS	<u>" "</u>
<u>1 3/8</u>	ANNULAR B.O.P.	<u>HIGH TEST 1500 PSI F/15min</u>
<u>4"</u>	CHOKER LINE	<u>LOW TEST 300 PSI F/5min, HIGHEST 3000 PSI F/15min</u>
<u>2"</u>	KILL LINE	<u>" "</u>
<u>-</u>	UPPER KELLY	<u>" "</u>
<u>1 1/2"</u>	LOWER KELLY	<u>" "</u>
<u>1 1/2"</u>	SAFETY VALVES	<u>" "</u>

ADDITIONAL TESTS & COMMENTS

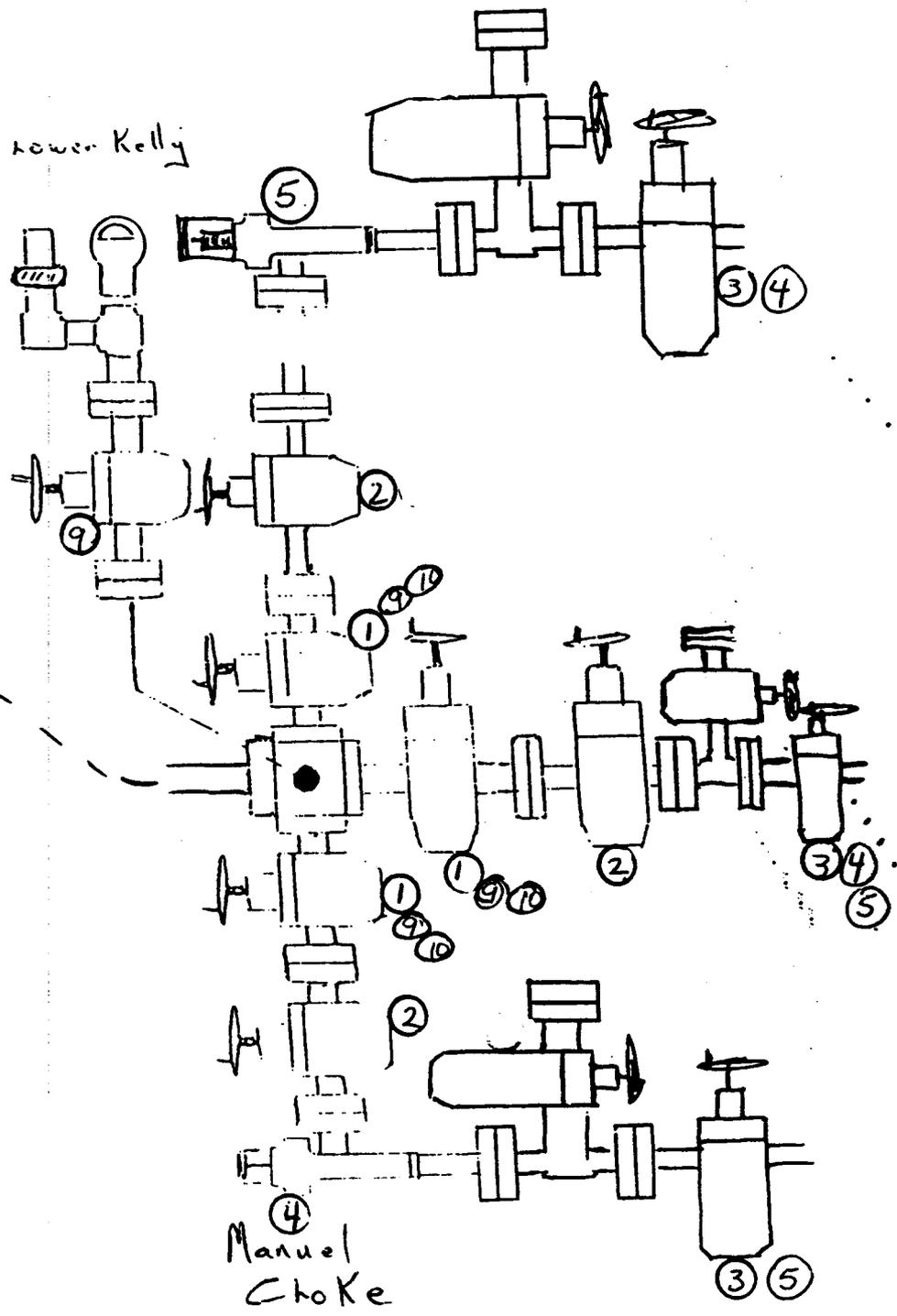
NO TEST ON SUPER CHOKER
WEAR RING HARD TO GET THRU BOPS (HYDRIL)
HYDRIL RUBBER STUCKS OUT SOME

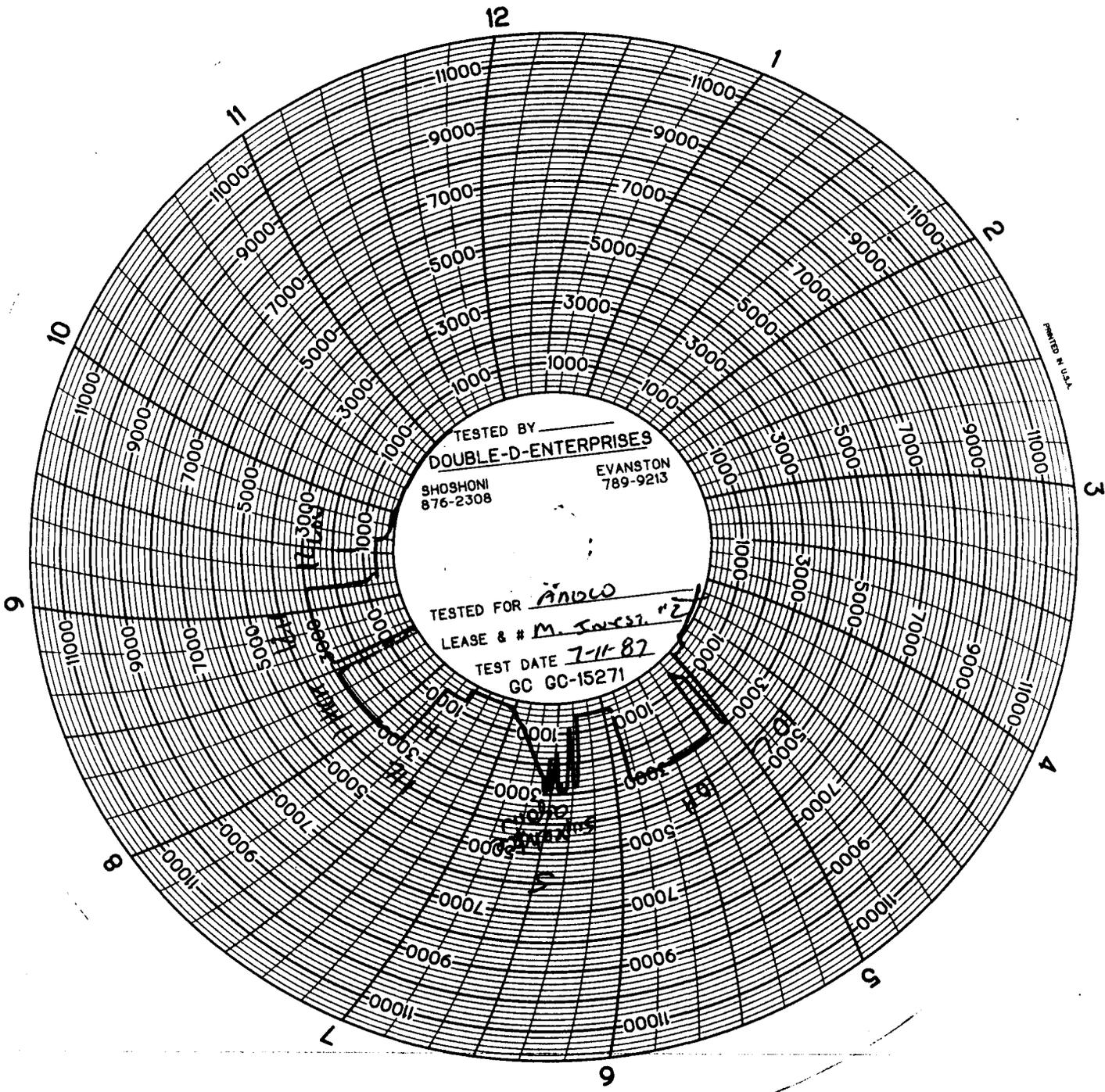
ANNULAR PRESSURE IN LOW 1600 & TESTED BOPS ON LOW SIDE OF 1600 PSI
ANNULAR PRESSURE 1750
CLOSING UNIT PSI 3200 CLOSING TIME OF RAMS 6 SEC HYDRIL 1.3 SEC
CLOSED CASING HEAD VALVE yes SET WEAR RING yes (set on loca use 1)

COMPANY	LEASE AND WELL NAME #	DATE	TEST	RIG # AND NAME
AMOCO	MOENCH INVESTMENT # 2	7-11-87		CRACE # 180
EST#	TIME			
0	6:00-7:30	LOADED & DROVE TO LOCATION		
	7:30-8:51	RIG UP TO TEST MANIFOLD, FILLED TRUCK WITH H ₂ O, PULLED OUT low pressure connection on choke manifold & replaced with high-pressure connection.		
Low	8:51-8:56	See BOP DIAGRAM FOR ITEMS TESTED AT THIS TIME inside choke man @ 300 PSI		
HIGH	8:56-9:11	SAME as above @ 3000 PSI		
L	9:14-9:19	2nd set of manual valves		
H	9:19-9:34	SAME HIGH 3000 "		
L	9:39-9:47	outside manual valves on choke manifold		
H	9:47-10:02	Some 3000		
LL	10:03-10:08	manual choke		
LH	10:08-10:23	SAME HIGH 3000		
H	10:28-10:43	NO TEST AT THIS TIME SUPER CHOKER RIG HANDS EATING LUNCH		
L	11:27-11:27	UPPER PIPE RAMS & INSIDE manual valves on choke & Killline & TIV		
H	11:27-11:42	SAME HIGH 3000		
L	11:46-11:51	UPPER PIPE RAMS 2nd manual Killline & HCR & TIV valve		
H	11:51-12:06	SAME 3000		
L	12:10-12:15	lower pipe RAMS & DART valve		
H	12:15-12:30	Some 3000		
L	12:37-12:42	Hydrail & vent valve in choke manifold		
H	12:42-12:57	Some 1500 PSI		
	12:57-1:30	SET UP TO TEST BLIND RAMS PUMPED ON IT A WHILE hands had closed wrong rams BOP has enclosed arms So couldn't tell from sub.		
L	1:30-1:35	Blind Rams & check valve on Killline		
H	1:35-1:55	Some 3000 PSI		
	1:55-2:25	works SUPER CHOKER & serge retest of TEST 5 NO TEST.		
L	2:25-2:30	lower KENT COCK		
H	2:30-2:45	Some 3000		
H	2:48-2:03	UPPER KENT COCK		
L	3:03-3:08	Some 3000		
	3:08-4:30	Rig down set wear ring close casing valve & load up make out ticket etc.		
	4:30-6:00	ARRIVED HOME & UNLOADED TRUCK		



Lower Kelly

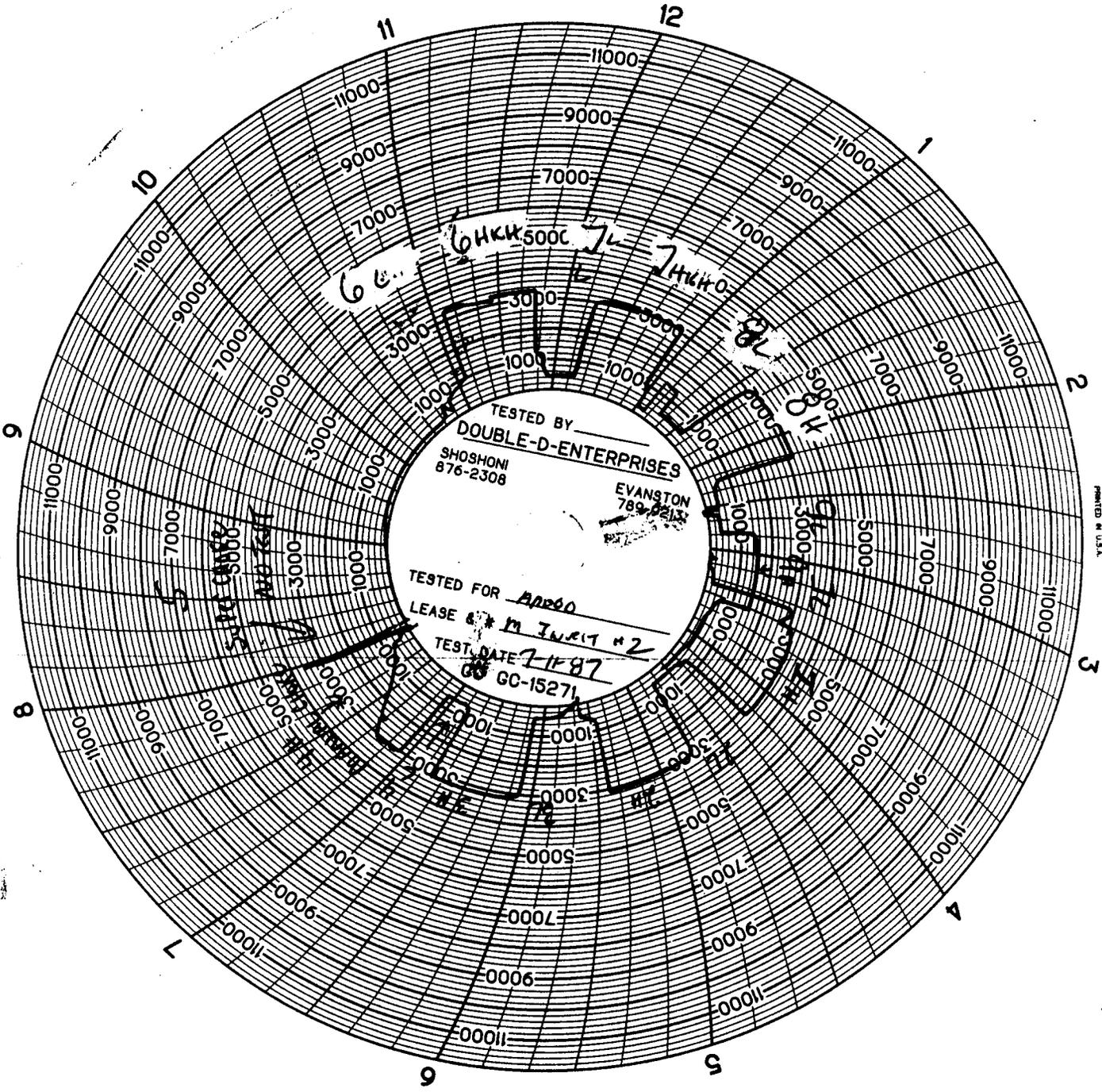




TESTED BY
DOUBLE-D-ENTERPRISES
SHOSHONI 876-2308
EVANSTON 789-9213

TESTED FOR ANILCO
LEASE # M. JONES, #2
TEST DATE 7-11-87
GC GC-15271

PRINTED IN U.S.A.



TESTED BY
DOUBLE-D-ENTERPRISES
 SHOSHONI
 876-2308

EVANSTON
 789-0213

TESTED FOR 4000
 LEASE 6 * M INLET #2
 TEST DATE 7-1-87
 GC-15271

PRINTED IN U.S.A.

072815

DOUBLE JACK TESTING & SERVICES, INC

B.O.P. Test Report

RECEIVED
JUL 20 1987

DIVISION OF
OIL, GAS & MINING

B.O.P. Test Performed on (date) July 11, 1987

Oil Company Amoco

Well Name & Number Moench Investment #2

43-043-30083

Section 12

Township 3 N

Range 7 E

County Summit, Utah

Drilling Contractor Grace #180

Oil Company Site Representative _____

Rig Tool Pusher _____

Tested out of Evanston, Wyoming

Notified Prior to Test _____

Copies of This Test Report Sent to: Site Representative

Utah Oil & Gas

B.L.M.

Original Chart & Test Report on File at: Double Jack Office

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

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

SUMMARY 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
850' FEL & 362' FSL surface
430' FNL & 430' FWL BHL

14. PERMIT NO.
43-043-30283

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
8877' Ungraded ground

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTED OR TRIBE NAME
073118

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Moench Investment Co., Ltd.

9. WELL NO.
#2

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARRA
Sec. 12, T3N, R7E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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 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: July 22, 1987

Spud: March 30, 1987

Drilling Contractor: Grace 180

Depth: 12,875'

Bit: 12.25 in

Drilling Ahead



DIVISION OF OIL, GAS & MINING

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

SIGNED [Signature] TITLE Administrative Supervisor DATE 7-22-87

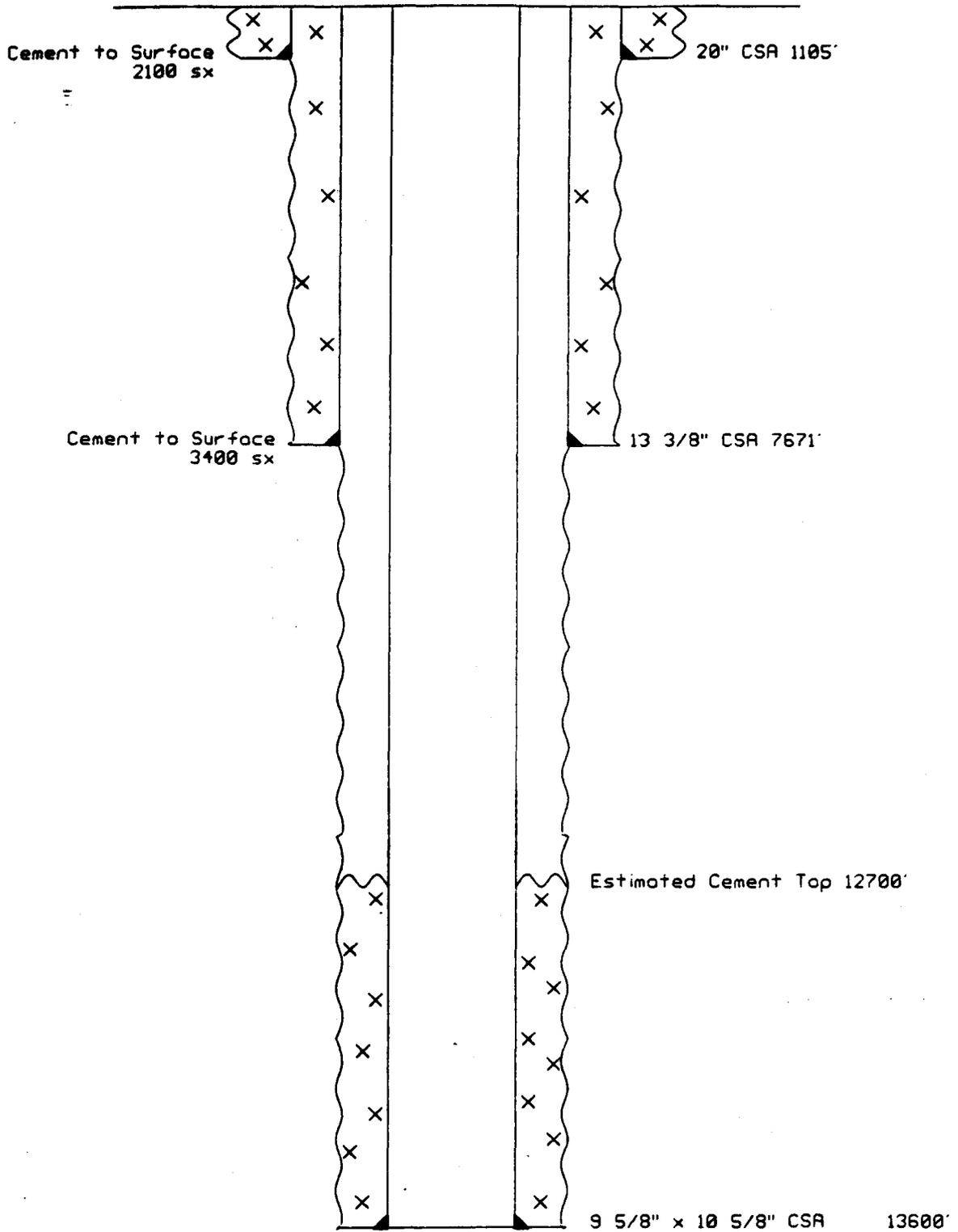
(This space for Federal or State Office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Moench Investment Company Ltd #2 Wellbore Diagram



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

Fee Dug
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
081401

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Moench Investment Co., Ltd.

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA

Sec. 2, T3N, R7E

12. COUNTY OR PARISH 13. STATE

Summit Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
850' FEL & 362' FSL surface Section 2, T3N, R7E
430' FNL & 430' FWL BHL Section 12, T3N, R7E

14. PERMIT NO.
43-043-30283

15. ELEVATIONS (Show whether SP, ST, CR, etc.)
8977' Ungraded ground

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

NOTICE OF INTENTION TO:

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

FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

Annular Disposal

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Propose to pump and dispose of reserve pit fluid downhole
Between 13 3/8" and 9 5/8" casing annulus

Casing Tests: 13 3/8" casing to 500 psi - ok
9 5/8" casing to 500 psi - to be performed

Maximum displacement pressure will not exceed the Braden head pressure limit of 3000 psi surface pressure.

Estimated volume of disposal = 10,000 bbls

Attachments: Casing and Cementing Diagram
Composite Reserve Pit Fluid Analysis

Estimated date of operation 8/10/87 - 9/30/87

RECEIVED

AUG 7 1987

DIVISION OF OIL
GAS & MINING

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

SIGNED

Walter L. Shaffer

TITLE District Drilling Supervisor DATE 8-3-87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

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

DATE: 8-13-87

BY: John R. Dyer

*See Instructions on Reverse Side

BLOW OUT PREVENTION TEST

081405

NAME OF COMPANY: Amoco Prod. Co

WELL NAME: Moench Investment Co. #2 Dwg

SECTION: 12 TOWNSHIP 3N RANGE 7E COUNTY: Summit

DRILLING CONTRACTOR: GRACE

RIG # 180

BOP TEST: DATE: 8-12-87

TIME: 5 p.m.

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: IKE NORWOOD

TELEPHONE NO. 307-783-2482

DATE: 8-12-87 SIGNED Carol Revell

082607

RECEIVED

AUG 21 1987

DIVISION OF OIL
GAS & MINING

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. Test Performed on (date) August 13, 1987

Oil Company Amoco

Well Name & Number Moench Investment #2

Section 13

Township 3N

Range 7E

County Summit, Utah

Drilling Contractor Grace #180

Oil Company Site Representative Ike

Rig Tool Pusher _____

Tested out of Evanston, Wyoming

Notified Prior to Test Utah witnessed test

Copies of This Test Report Sent to: Site Representative

Utah Oil & Gas

B.L.M.

Original Chart & Test Report on File at: Double Jack Evanston, office

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testing & Services Inc.
P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

FIELD TICKET 5296

DATE August 13-87
OPERATOR F. MOCU
COUNTY Summit STATE Utah

SECTION 2

RIG NAME AND # Ciraco 180
WELL NAME AND NO. Moench Invest #2
TOWNSHIP 3N RANGE 7E

EQUIPMENT TESTED

Equipment	Pressure	Low	High
Pipes RAMS	300	low	3000 high
Pipes RAMS	300	}	3000
Blacks RAMS	300		3000
13 3/8" ANNULAR B.O.P.	300		1500
1" CHOKE LINE	300		3000
2" KILL LINE	300		3000
4 1/2" UPPER KELLY	300		3000
4 1/2" LOWER KELLY	300		3000
4 1/2" SAFETY VALVES	300		3000

ADDITIONAL TESTS & COMMENTS

Superchoke does not hold and open & close
gauge is broke also whenever worked on
it lost about 75 lbs the row behind
it that he broke which would put the
rig in a dangerous situation if it
would have got a kick.
Everything else held good.

Witness by State of Utah

CLOSING UNIT PSI 3000 CLOSING TIME OF RAMS 7 HYDRIL 10
CLOSED CASING HEAD VALVE Yes SET WEAR RING Yes

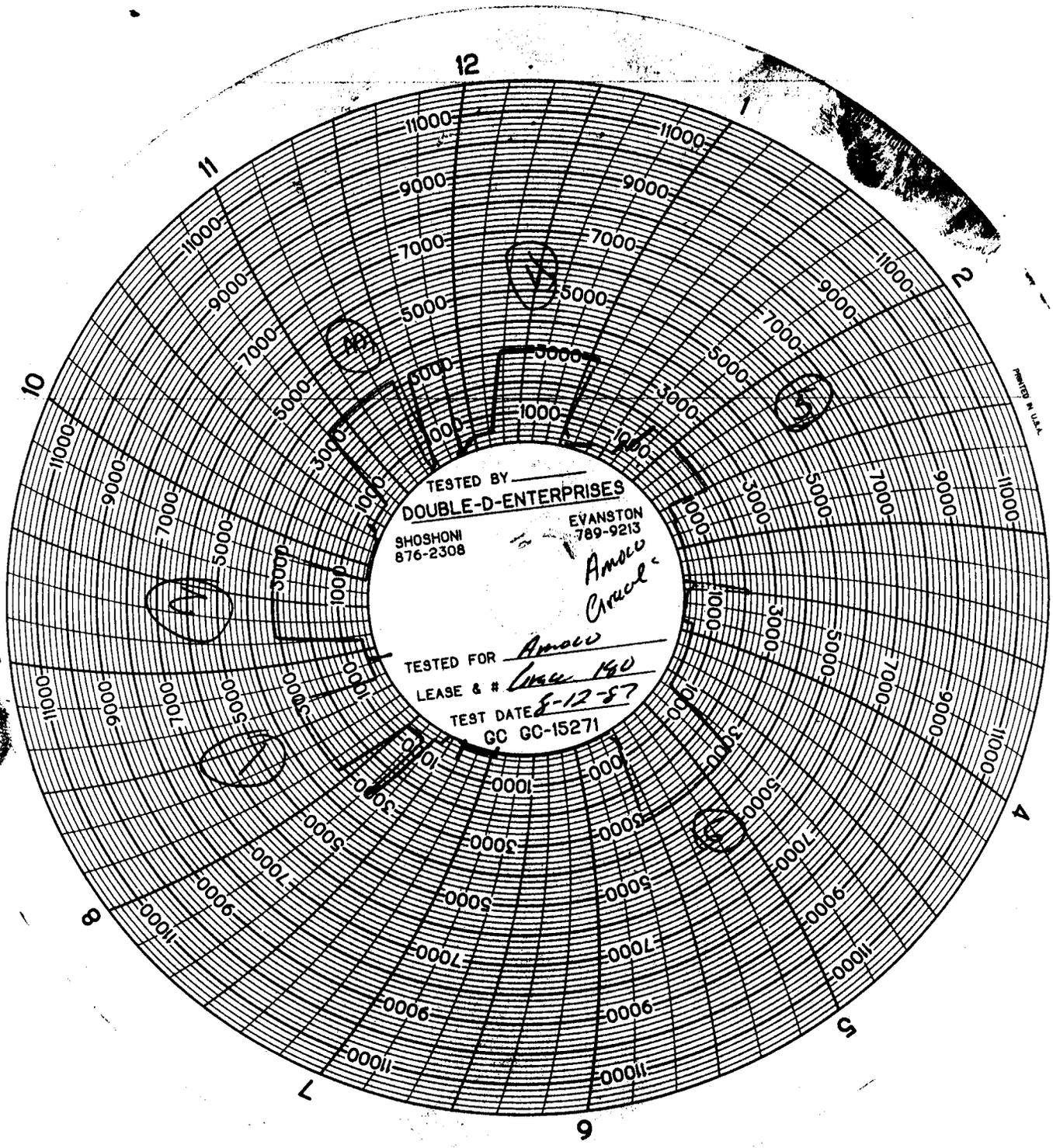
AMOLD GRAB 180

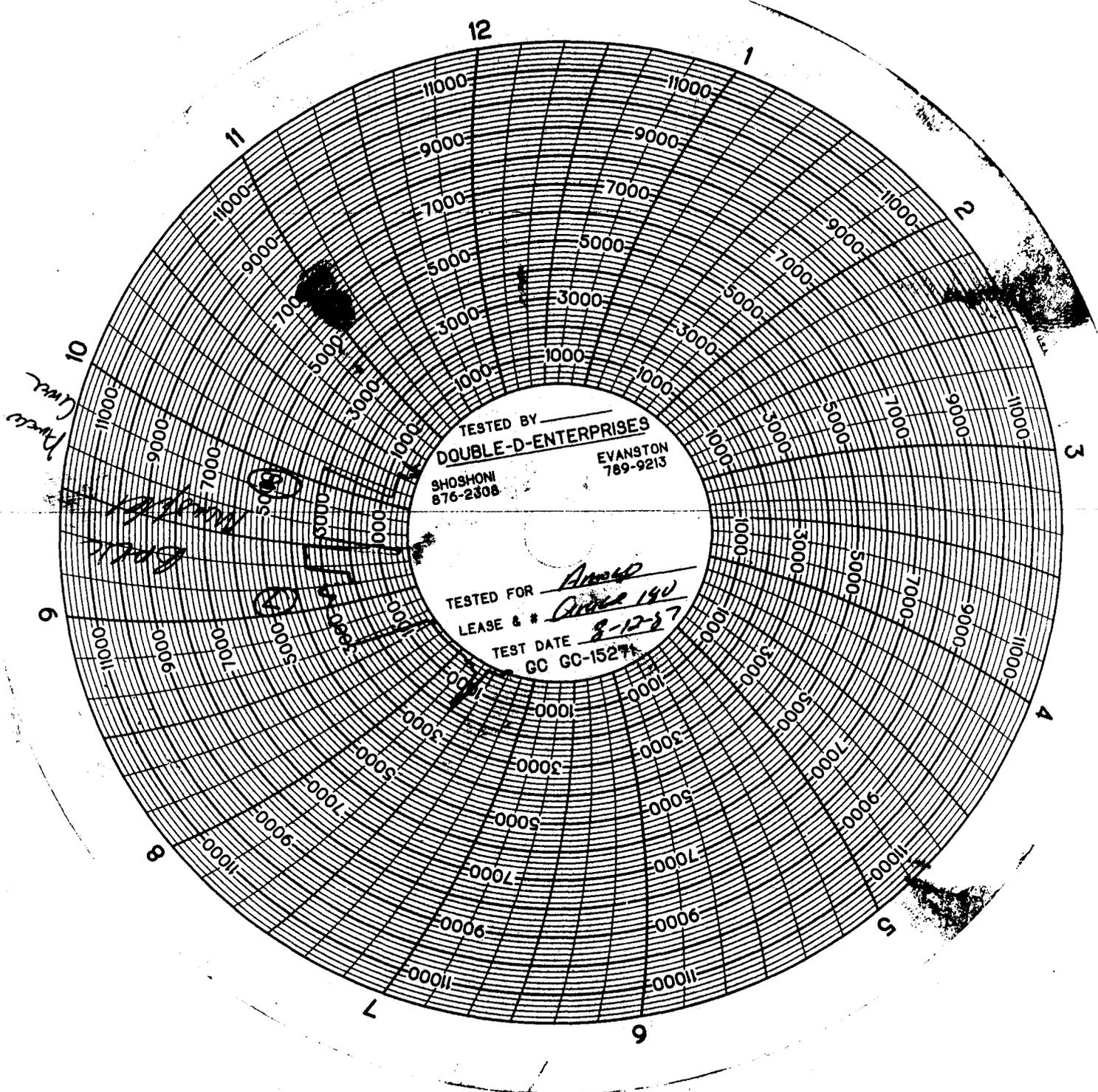
AUGUST 12

- 5:00 to 6:00 Rig up
- ① 6:15 low TEST ON TOP PIPES - INSIDE wing valves
and TIW valve
- 6:20 High Test
- ② 6:37 low TEST ON Top pipes - DART - HCR and 2nd kill valve
- 6:42 High Test
- ③ 7:08 low TEST ON Top pipes - 1st manifold - vertical valve - 2nd kill
7:13 High TEST. and lower Kelly
- ④ 7:35 low TEST ON upper Kelly and Bottom pipe rams
- 7:42 High TEST
- ⑤ 8:03 low TEST ON Hydrill
- 8:09 High TEST
- ⑥ 8:53 low TEST ON Blind rams and check valve
and 2nd manifold valves
- Had to work on accumulator
- 9:08 High TEST.
- 9:15 High TEST again
- Then pull plug and set ware ring,
manual choke NOT positive. low Test
- ⑦ 10:05 High TEST
- 10:10 High TEST outside manifold.
- ⑧ 10:45 low TEST Then superchoke its NOT positive.
- ⑨ 11:00 make out ticket and roll up.
- 11:30 left location
- 12:45

Note

between 9:30 and 10:00 make up roll
behind superchoke.





TESTED BY _____
DOUBLE-D-ENTERPRISES
SHOSHONI 876-2308
EVANSTON 789-9213

TESTED FOR Amoco
LEASE # Amoco 140
TEST DATE 8-12-57
GC GC-15274

Handwritten: Power (line)

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Handwritten: 10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 850' FEL & 362' FSL Surface Sec. 2, T3N, R7E 430' FNL & 430' FWL BHL Sec. 12, T3N, R7E</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 Moench Investment Co., Ltd.</p> <p>9. WELL NO. #2</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR S.E.C. AND SURVEY OR AREA Sec. 2, T3N, R7E</p> <p>12. COUNTY OR PARISH Summit</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. 43-043-30283</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8877' Ungraded Ground</p>	

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

(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: 8-24-87

Spud: 3-30-87

Dril. Contractor: Grace 180

Depth: 12,485'

Bit: 12.25 in

TD on 8-10-87 13,164' came up to 11,840' sidetrack around fish. Junk left in hole.

Presently drilling ahead

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

SIGNED [Signature] TITLE Administrative Supervisor DATE 8-24-87

(This space for Federal or State office use)

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

RECEIVED
AUG 27 1987

*See Instructions on Reverse Side

DIVISION OF OIL
GAS & MINING

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

SUBMIT TRIPLICATE*
(Other instructions on
reverse side)

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>(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.)</small></p>		5. LEASE DESIGNATION AND SERIAL NO.
		Fee
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
		100726
2. NAME OF OPERATOR		7. UNIT AGREEMENT NAME
AMOCO PRODUCTION COMPANY		Anschutz Ranch East
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME
P. O. BOX 829, EVANSTON, WYOMING 82930		Moench Investment Co., Ltd.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. WELL NO.
850' FEL & 362' FSL Sec. 2, T3N, R7E 430' FNL & 430' FWL BHL Sec. 12, T3N, R7E		#2
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT
43-043-30283	15. ELEVATIONS (Show whether OF, ST, OR, etc.)	Anschutz Ranch East
	8877' Ungraded Ground	11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
		Sec. 2, T3N, R7E
		12. COUNTY OR PARISH
		13. STATE

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TRIP 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 ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Report of operations <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Date: 9-30-87
 Spud: 3-30-87
 Drl. Contractor: Grace 180
 Depth: 15,316'
 Bit: 8.500 in
 Drilling Ahead

RECEIVED
OCT 5 1987

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

SIGNED *David L. Royce* TITLE Administrative Supervisor DATE 9-30-87

(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.)

RECEIVED
OCT 10 1987

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 829, EVANSTON, WYOMING 82930 DIVISION OF OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State Code provisions. See also space 17 below.)
At surface
850' FEL & 362' FSL Sec. 2, T3N, R7E
210' FNL & 110' FWL BHL at Nugget top Sec. 12, T3N, R7E

14. PERMIT NO. 43-043-30283

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
8877' Ungraded Ground

5. LEASE DESIGNATION AND SERIAL NO.
Fee 110439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Moench Investment Co., Ltd.

9. WELL NO.
#2

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 2, T3N, R7E

12. COUNTY OR PARISH 13. STATE
Summit Utah

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

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

(Other) Change location

(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.)*

TD on 8-10-87 was 13,164' we came up to 11,840' then sidetracked around the fish. Junk was left in the hole.

The new bottom hole location is 210' FNL & 110' FWL instead of 430' FNL & 430' FWL as reported on the original APD.

18. I hereby certify that the foregoing is true and correct
SIGNED Robert L. Lippert TITLE Administrative Supervisor DATE 10-13-87

(This space for Federal or State office use)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE 10-22-87

*See Instructions on Reverse Side John R. Dejeu

102733

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. Test Performed on (Date) October 15, 1987 Daly

Oil Company Amoco

Well Name & Number Moench Investment #2 43-043-30083

Section 12

Township 3N

Range 7E

County Summit, Utah

Drilling Contractor Grace #180

Oil Company Site Representative Larry Humphrey

Rig Tool Pusher _____

Tested out of Evanston, Wyoming

Tested Prior to Test Utah Oil & Gas/Arlene Sollis

Copies of This Test Report Sent to: Site Representative

Utah Oil & Gas

Original Chart & Test Report on File at: Double Jack office

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

RECEIVED
OCT 06 1987
DIVISION OF OIL
GAS & MINING

Double Jack Testing & Services Inc.

FIELD TICKET 5239

P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

DATE 10 - 15 - 87
OPERATOR AMOCO
COUNTY Summit #1 STATE Utah

RIG NAME AND # Grace rig 180
WELL NAME AND NO. Moanch Investment # 2
SECTION 12 TOWNSHIP 3N RANGE 7E

EQUIPMENT TESTED

<u>Blind</u>	RAMS	<u>5000</u>	<u>PSI</u>	<u>15</u>	<u>MINUTES</u>
<u>Pipe</u>	RAMS	<u>5000</u>	"	"	"
<u>1 1/2</u>	RAMS	<u>5000</u>	"	"	"
<u>13 5/8</u>	ANNULAR B.O.P.	<u>3000</u>	"	"	"
<u>4"</u>	CHOKE LINE	<u>5000</u>	"	"	"
<u>2"</u>	KILL LINE	<u>5000</u>	"	"	"
<u>4 1/2</u>	UPPER KELLY	<u>5000</u>	"	"	"
<u>4 1/2</u>	LOWER KELLY	<u>5000</u>	"	"	"
<u>DART</u>	SAFETY VALVES	<u>2100</u>	"	"	"
<u>FLW</u>		<u>5000</u>	"	"	"

ADDITIONAL TESTS & COMMENTS

FILLED CHOKE MANIFOLD & LINE WITH METHANOL WHEN FINISHED & SET ALL VALUES ACCORDING TO NOTE ON BOARD IKE ICFE SEE BOP DIAGRAM

CLEARED SECTION SCREEN ON ACCUMULATOR

DOUBLE JACK NOTIFIED ALIENE SOLLIS WITH UTAH STATE PRIOR TO TEST

NOTE ACCUMULATOR PRESSURE 2800 BUT SINCE BEKES ON LOWSIDE ACTUALLY 1400
CLOSING UNIT PSI 2800/1400 CLOSING TIME OF RAMS 7 HYDRIL 8
CLOSED CASING HEAD VALVE yes SET WEAR RING yes

RECEIVED

OCT 23 1987

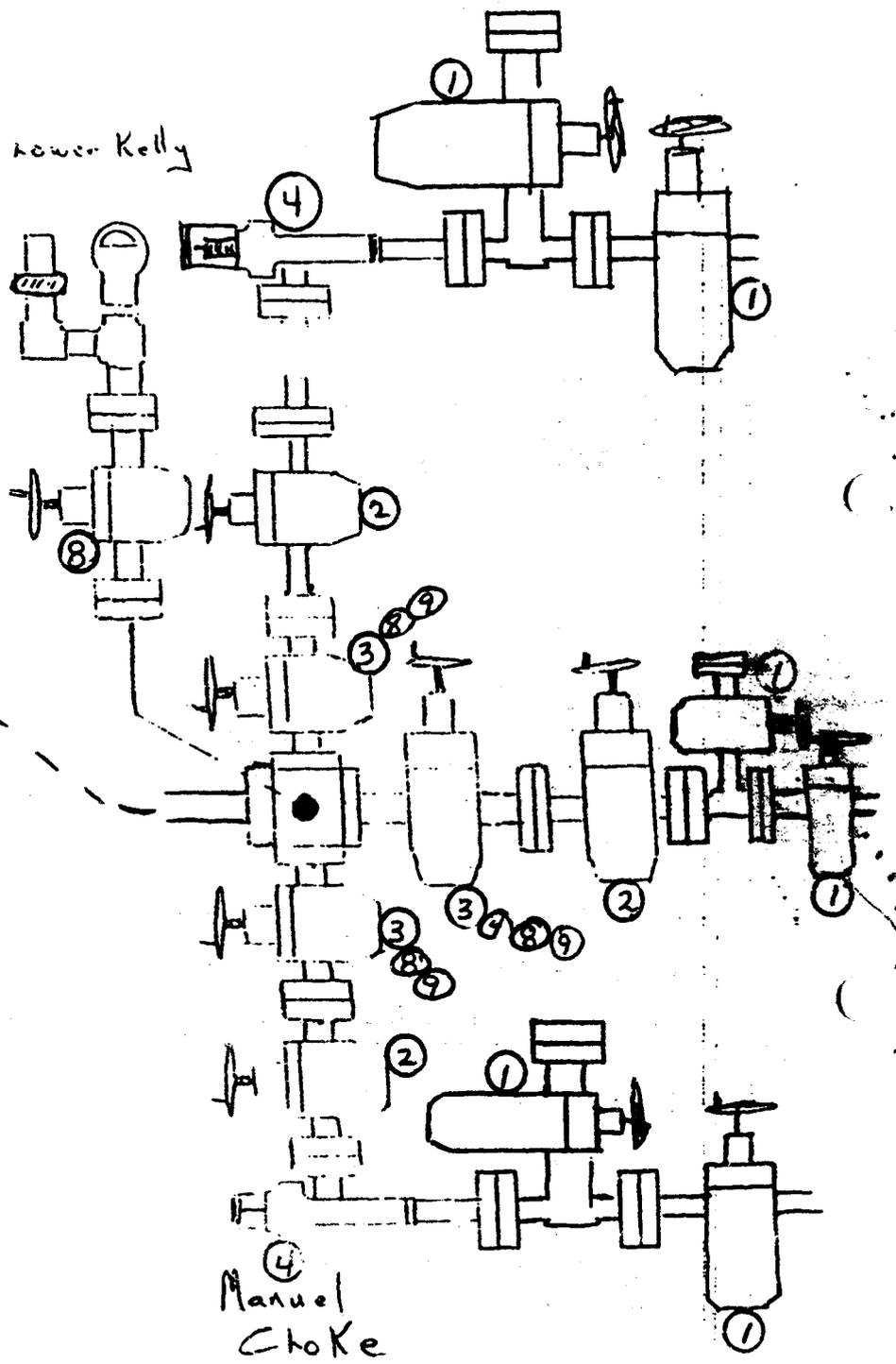
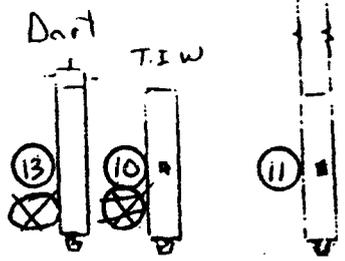
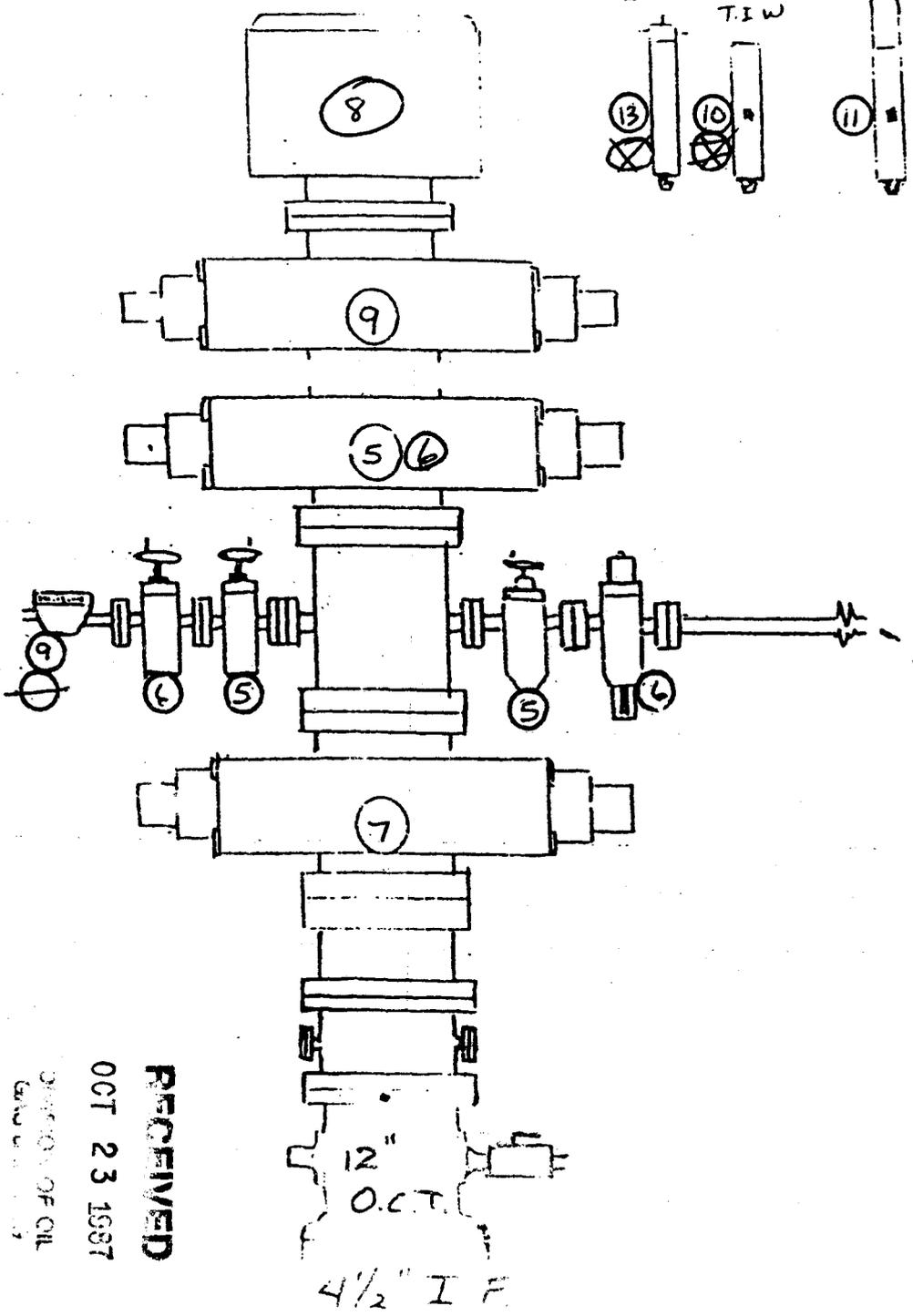
DIVISION OF OIL
GAS & MINES

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
AMOCO	MOENCH INVESTMENT # 2	10 87	GRACE # 180
#	TIME		
	12 ⁰⁰ PM - 2 ⁰⁰	LOAD TOOLS & TRAVEL TO RIG	
	2 ⁰⁰ - 3 ³⁵	RIG TRIPPING OUT OF HOSE WHEN ARRIVED, FILLED TRUCK WITH WATER & MIXED METHANOL WITH IT SO ALSO RIGGED UP TO TEST CHOK MANIFOLD & filled choke line	
①	3:35-3:50	TEST # 1 IN MANIFOLD SEE DIAGRAM FOR ITEMS TESTED OUTSIDE MANUALS	
②	3:54-4:09	TEST # 2 2ND SET OF MANUALS	
③	4:12-4:27	TEST # 3 INSIDE MANUALS	
④	4:35-4:48	TEST # 4 MANUAL CHOK & SUPER CHOK	
	4:48-5:11	RIG HOSE ON FLOOR SET PLUG FILL BOPS PREPARE TO TEST BOP STACK	
⑤	5:11-5:26	UPPER PIPE RAMS INSIDE MANUALS CHOK & KILL LINES	
⑥	5:33-5:48	" OUTSIDE MANUAL KILLING & HCR CHOK LINE	
⑦	5:51-6:06	LOWER PIPE RAMS ONLY	
	6:06-6:34	ACCUMULATOR DOWN CLEAN SUCTION SCREEN	
⑧	6:34-6:49	TEST HYDRIL & VERTICAL VALVE IN CHOK HOUSE	
	6:49-7:19	UNSCREW JOINT FROM PLUG HAD TO PULL PLUG & LOOSEN UP A LITTLE ON JOINT WOULDN'T BACK OFF RESET PLUG & FILL BOPS WITH WATER AGAIN	
⑨	7:19-7:34	BUND RAMS & CHECK VALVE ON KILL LINE	
	7:34-7:45	RIG UP TO TEST KELLY & VALVES ON FLOOR	
⑩	7:45-8:00	TIV SAFETY VALVE	
⑪	8:00-8:16	LOWER KELLY VALVE	
⑫	8:21-8:46	UPPER KELLY COCK	
	8:46-9:10	RIG UP TO TEST DART VALVE & SET WEAR RING	
⑬	9:10-9:25	TESTED DART VALVE TO 2100 DIDNT TEST TO 5000 MADE UP SUBS WITH CHAIN TONGS	
	9:25-10:30	FILLED CHOK LINE WITH METHANOL SET VALVES LIKE DIAGRAM & RIGGED DOWN & LOADED OUT	
	10:30-11:30	TRAVELED HOME	
		EVERY THING TESTED AOK	

RECEIVED

OCT 23 1987

DIVISION OF OIL
GAS & MINES



RECEIVED
 OCT 23 1987
 DIVISION OF OIL
 AND GAS

12"
 O.C.T.
 4 1/2" I.F.

Manual Choke

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

SUBMIT TRIPPLICATE*
 (Other Instructions on reverse side)

110608

5. LEASE DESIGNATION AND SERIAL NO. Fee <u>241.</u>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Anschutz Ranch East	
8. FARM OR LEASE NAME Moench Investment Co., Ltd.	
9. WELL NO. #2	
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
11. SEC., T., S., M., OR BLM. AND SURVEY OR AREA Sec. 12, T3N, R7E	
12. COUNTY OR PARISH Summit	13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 850' FEL & 362' FSL Sec. 2, T3N, R7E 210' FNL & 110' FWL BHL at Nugget top Sec. 12, T3N, R7E	
14. PERMIT NO. 43-043-30283	15. ELEVATIONS (Show whether DT, ST, OR, etc.) 8877' Ungraded Ground

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>	

(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: 10-31-87
 Spud: 3-30-87
 Drl. Contractor: Grace 180
 Depth: 15,387'
 Bit: 8.500"
 Drilling at 15,387 to est TD fo 15,600

18. I hereby certify that the foregoing is true and correct.
 SIGNED [Signature] TITLE Administrative Supervisor DATE 10-31-87

(This space for Federal or State office use)

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

Utah

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

111610

B.O.P. Test Performed on (date) October 15, 1987

Oil Company Amoco

Well Name & Number Moench Investment #2

Section 12 43.043.30083

Township 3N

Range 7E

County Summit, Utah

Drilling Contractor Grace #180

Oil Company Site Representative Larry Humphrey

Rip Tool Pusher _____

Tested out of Evanston, Wyoming

Notified Prior to Test Utah Oil & Gas/Arlene Sollis

Copies of This Test Report Sent to: Site Representative

Utah Oil & Gas

Original Chart & Test Report on File at: Double Jack office

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

POOR COPY

RECEIVED
NOV 12 1987

OFFICE OF OIL

Double Jack Testing & Services Inc.

FIELD TICKET 5239

P.O. Box 2097
Evanston, Wyoming 82930
(207) 788-9213

DATE 10 - 15 - 87
OPERATOR Amoco
COUNTY Summit # STATE Utah

SECTION 12

RIG NAME AND # GRACE RIG 180
WELL NAME AND NO. Moankh Investment # 2
TOWNSHIP 3N RANGE 7E

EQUIPMENT TESTED

<u>3 1/2"</u>	RAMS	<u>5000</u>	<u>PSI</u>	<u>15</u>	<u>MINUTES</u>
<u>1 1/2"</u>	RAMS	<u>5000</u>	"	"	"
<u>1 1/2"</u>	RAMS	<u>5000</u>	"	"	"
<u>1 3/8"</u>	ANNULAR B.O.P.	<u>3000</u>	"	"	"
<u>4"</u>	CHOKE LINE	<u>5000</u>	"	"	"
<u>2"</u>	KILL LINE	<u>5000</u>	"	"	"
<u>4 1/2"</u>	UPPER KELLY	<u>5000</u>	"	"	"
<u>4 1/2"</u>	LOWER KELLY	<u>5000</u>	"	"	"
<u>DART</u>	SAFETY VALVES	<u>2188</u>	"	"	"
<u>1 1/2"</u>	SAFETY VALVES	<u>5000</u>	"	"	"

ADDITIONAL TESTS & COMMENTS

FILLED CHOKE MANIFOLD & LINE WITH METHANOL WHEN FINISHED & SET ALL VALUES ACCORDING TO NOTE ON BOARD. IKE LEFT SEE BOP DIAGRAM

UPGRADED SIXTON SCREEN ON ACCUMULATOR

DOUBLE JACK NOTIFIED ALIENE SOLLIN WITH UTAH STATE PRIOR TO TEST

NOTE ACCUMULATOR PRESSURE 2800 BUT SINCE BEUGS ON LOWSIDE ACTUALLY 1400

CLOSING UNIT PSI 2800/1400 CLOSING TIME OF RAMS 7 HYDRIL 8
CLOSED CASING HEAD VALVE yes SET WEAR RING yes

RECEIVED

NOV 12 1987

DEPARTMENT OF OIL & GAS

COMPANY

LEASE AND WELL NAME #

DATE OF TEST

RIG # AND NAME

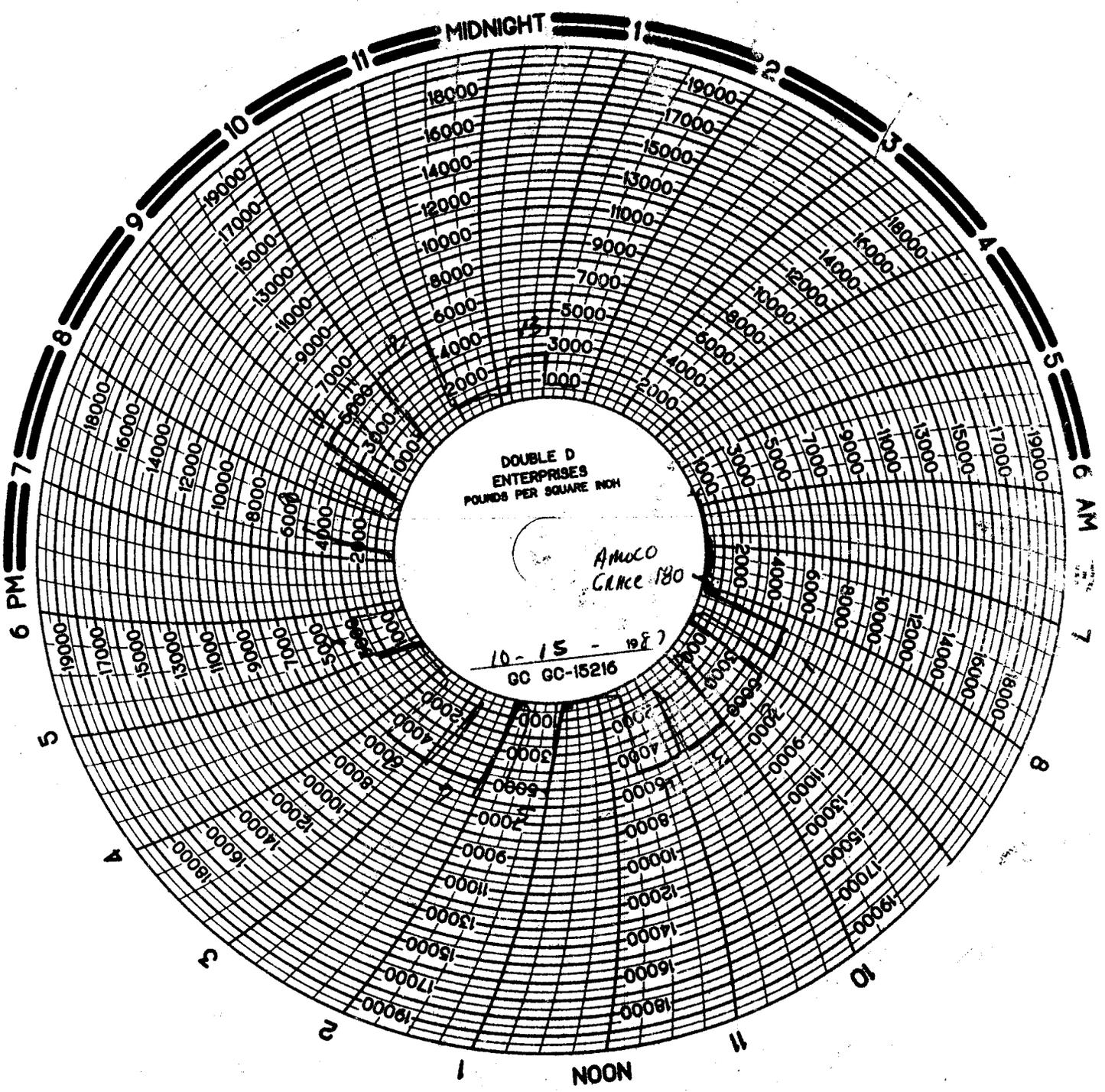
AMOCO

MOENCH INVESTMENT # 2

10 87

GRACE # 180

ST#	TIME	
	12 ⁰⁰ PM - 2 ⁰⁰	LOAD TOOLS & TRAVEL TO RIG
	2 ⁰⁰ - 3 ³⁵	RIG TRIPPING OUT OF HOLE WHEN ARRIVED, FILLED TRUCK WITH WATER & MIXED METHANOL WITH IT SOLEO RIGGED UP TO TEST CHOKS MANIFOLD & filled choke line
①	3:35- 3:50	TEST # 1 IN MANIFOLD SEE DIAGRAM FOR ITEMS TESTED OUTSIDE MANUALS
②	3:54- 4:09	TEST # 2 2ND SET OF MANUALS
③	4:12- 4:27	TEST # 3 INSIDE MANUALS
④	4:35- 4:48	TEST # 4 MANUAL CHOKS & SUPER CHOKS
	4:48- 5:11	RIG HOSE ON FLOOR SET PLUG FILL BOPS PREPARE TO TEST BOP STACK
⑤	5:11- 5:26	UPPER PIPE RAMS INSIDE MANUALS CHOKS & KILL LINES
⑥	5:33- 5:48	" OUTSIDE MANUAL KILLING & HCR CHOKS LINE
⑦	5:51- 6:06	LOWER PIPE RAMS ONLY
	6:06- 6:34	ACCUMULATOR DOWN CLEAN SUCTION SCREEN
⑧	6:34- 6:49	TEST HYDRIL & VERTICAL VALVE IN CHOKS HOUSE
	6:49- 7:19	UNSCREW JOINT FROM PLUG HAD TO PULL PLUG & LOOSEN UP A LITTLE ON JOINT WOULDN'T BACK OFF RESET PLUG & FILL BOPS WITH WATER AGAIN
⑨	7:19- 7:34	BUND RAMS & CHECK VALVE ON KILLLINE
	7:34- 7:45	RIG UP TO TEST KELLY & VALVES ON FLOOR
⑩	7:45- 8:00	TIN SAFETY VALVE
⑪	8:00- 8:16	LOWER KELLY VALVE
⑫	8:21- 8:46	UPPER KELLY COCK
	8:46- 9:10	RIG UP TO TEST DART VALVE & SET WEAR RING
⑬	9:10- 9:25	TESTED DART VALVE TO 2100 DIDN'T TEST TO 5000 MADE UP SUBS WITH CHAIN TONGS
	9:25- 10:30	FILLED CHOKS LINE WITH METHANOL SET VALVES LIKE DIAGRAM & RIGGED DOWN & LOADED OUT
	10:30- 11:30	TRAVELED HOME
		EVERY THING TESTED AOK



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

Amoco
Grace 180

10-15-1987
GC GC-15216



Amoco Production Company

April 27, 1988

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

Attn: John Baza

Re: Anschutz Ranch East W12-04 Annular Fluid Disposal

Dear John:

Attached is a copy of the temperature log run on the Anschutz Ranch East W12-04 well. This log was run to determine at what depth pit disposal fluids were exiting the well. As you know we are disposing of pit fluids between the 13 3/8" and 9 5/8" casing strings and notified the state of our intentions to do this in the Sundry dated 8-3-87.

The cooling anomaly on the temperature log starting about 7950' indicates the imbibition of fluids to the rock at that point. We will submit a Sundry to your office when injection is terminated.

Please call me with any questions you might have.

Thank you,

Bruce Leggett
Staff Petroleum Engineer

BL/kg

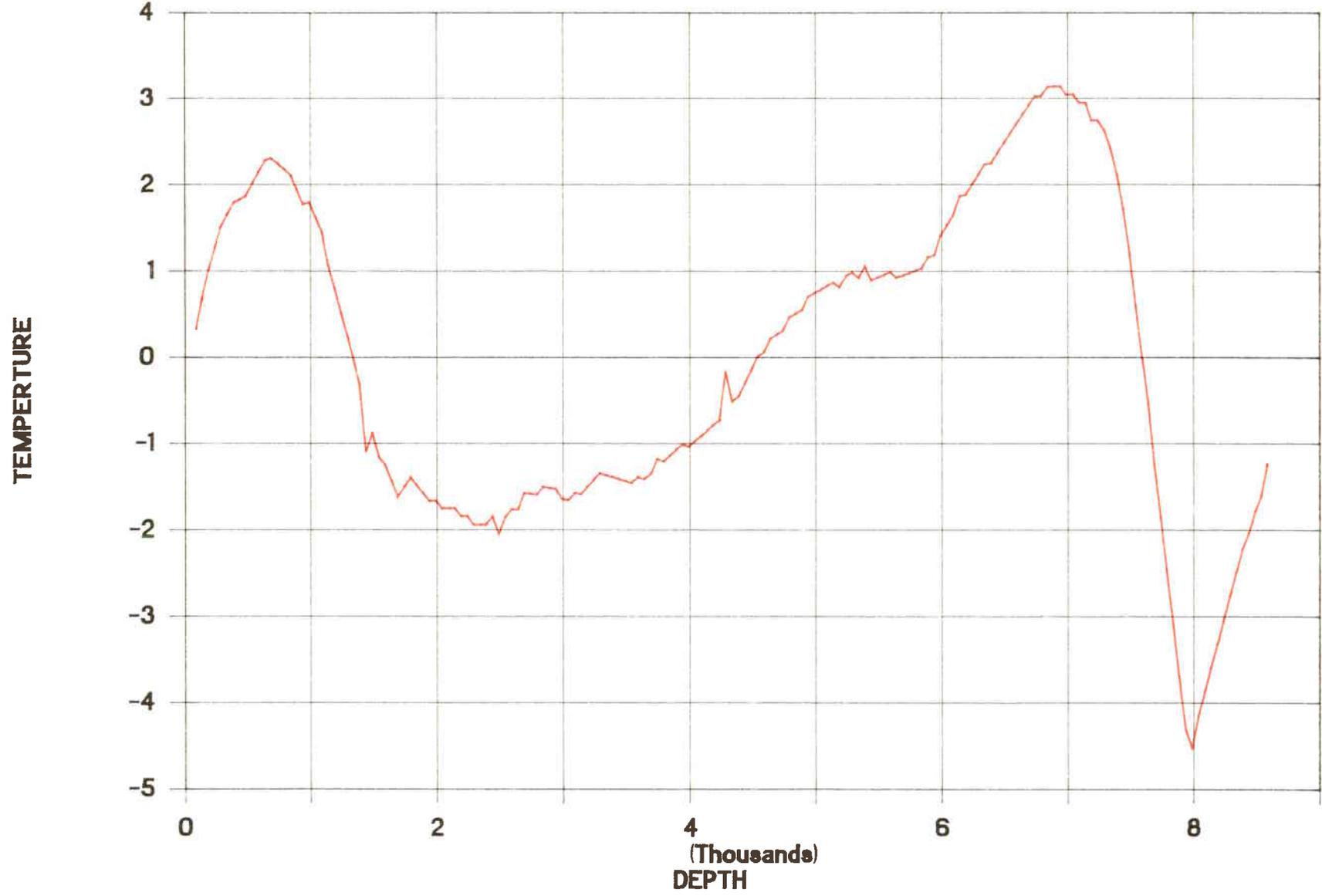
Encl.

RECEIVED
APR 29 1988

DIVISION OF
OIL, GAS & MINING

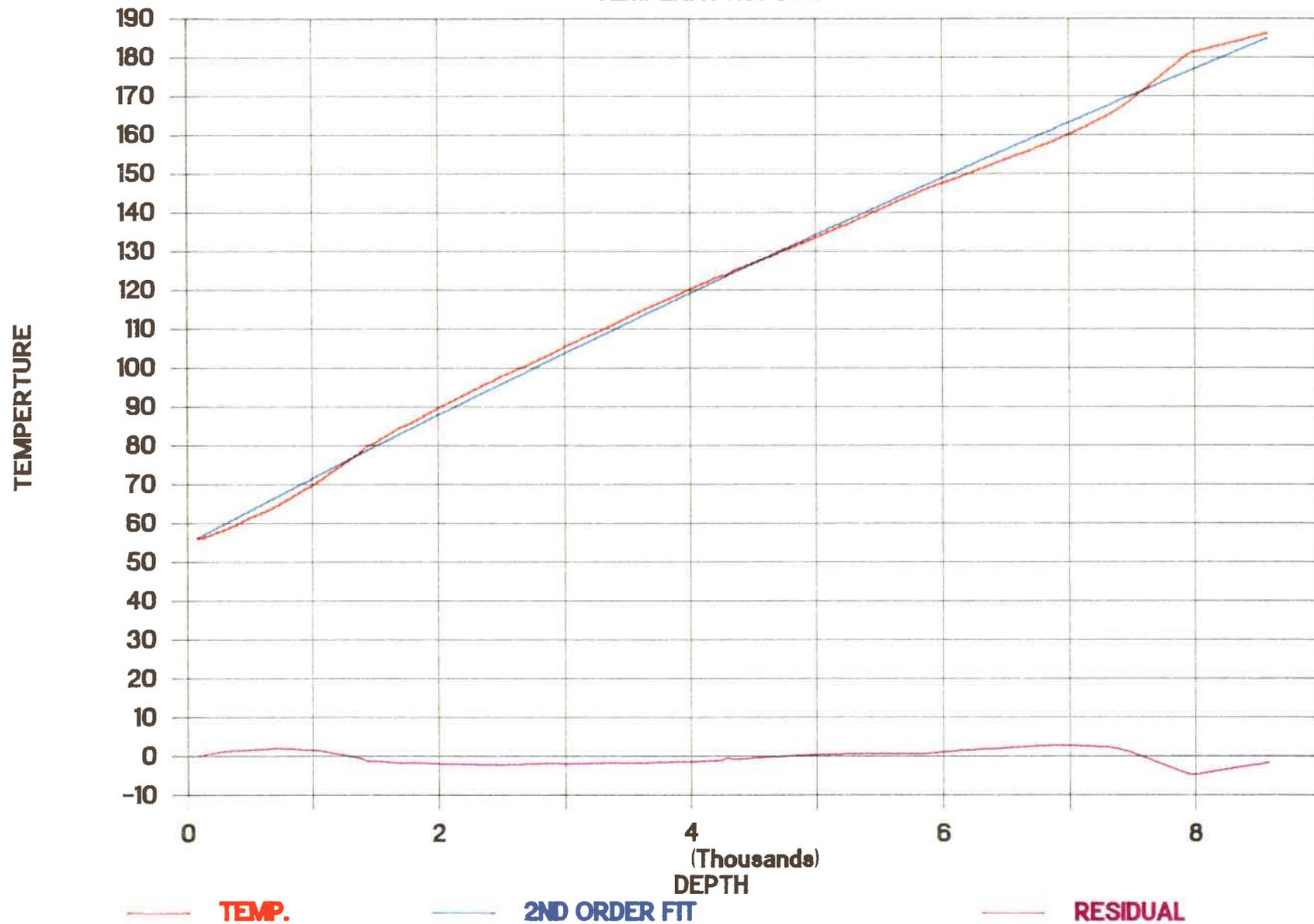
WELL A.R.E. W12-04

TEMPERATURE LOG (RESIDUAL)



WELL A.R.E. W12-04

TEMPERATURE LOG



AMOCO PRODUCTION COMPANY WELL A.R.E. W12-04
06/22/88

DEPTH	TEMPERATURE INDEPENDENT VARIABLE (X)	TEMPERATURE DEPENDENT VARIABLE (Y)	TEMPERATURE 2nd Order PREDICTED	PREDICTED - ACTUAL
	100.00	56.10	56.44	0.34
	150.00	56.60	57.29	0.69
	200.00	57.10	58.13	1.03
	250.00	57.70	58.98	1.28
	300.00	58.30	59.82	1.52
	350.00	59.00	60.66	1.66
	400.00	59.70	61.50	1.80
	450.00	60.50	62.34	1.84
	500.00	61.30	63.18	1.88
	550.00	62.00	64.02	2.02
	600.00	62.70	64.85	2.15
	650.00	63.40	65.69	2.29
	700.00	64.20	66.52	2.32
	750.00	65.10	67.36	2.26
	800.00	66.00	68.19	2.19
	850.00	66.90	69.02	2.12
	900.00	67.90	69.85	1.95
	950.00	68.90	70.68	1.78
	1000.00	69.70	71.51	1.81
	1050.00	70.70	72.33	1.63
	1100.00	71.70	73.16	1.46
	1150.00	72.90	73.99	1.09
	1200.00	74.00	74.81	0.81
	1250.00	75.10	75.63	0.53
	1300.00	76.20	76.45	0.25
	1350.00	77.30	77.27	-0.03
	1400.00	78.40	78.09	-0.31
	1450.00	80.00	78.91	-1.09
	1500.00	80.60	79.73	-0.87
	1550.00	81.70	80.55	-1.15
	1600.00	82.60	81.36	-1.24
	1650.00	83.60	82.18	-1.42
	1700.00	84.60	82.99	-1.61
	1750.00	85.30	83.80	-1.50
	1800.00	86.00	84.61	-1.39
	1850.00	86.90	85.42	-1.48
	1900.00	87.80	86.23	-1.57
	1950.00	88.70	87.04	-1.66
	2000.00	89.50	87.85	-1.65
	2050.00	90.40	88.65	-1.75
	2100.00	91.20	89.46	-1.74
	2150.00	92.00	90.26	-1.74
	2200.00	92.90	91.07	-1.83
	2250.00	93.70	91.87	-1.83
	2300.00	94.60	92.67	-1.93
	2350.00	95.40	93.47	-1.93
	2400.00	96.20	94.27	-1.93
	2450.00	96.90	95.06	-1.84

2500.00	97.90	95.86	-2.04
2550.00	98.50	96.66	-1.84
2600.00	99.20	97.45	-1.75
2650.00	100.00	98.24	-1.76
2700.00	100.60	99.04	-1.56
2750.00	101.40	99.83	-1.57
2800.00	102.20	100.62	-1.58
2850.00	102.90	101.41	-1.49
2900.00	103.70	102.20	-1.50
2950.00	104.50	102.98	-1.52
3000.00	105.40	103.77	-1.63
3050.00	106.20	104.55	-1.65
3100.00	106.90	105.34	-1.56
3150.00	107.70	106.12	-1.58
3200.00	108.40	106.90	-1.50
3250.00	109.10	107.68	-1.42
3300.00	109.80	108.46	-1.34
3350.00	110.60	109.24	-1.36
3400.00	111.40	110.02	-1.38
3450.00	112.20	110.80	-1.40
3500.00	113.00	111.57	-1.43
3550.00	113.80	112.35	-1.45
3600.00	114.50	113.12	-1.38
3650.00	115.30	113.89	-1.41
3700.00	116.00	114.66	-1.34
3750.00	116.60	115.43	-1.17
3800.00	117.40	116.20	-1.20
3850.00	118.10	116.97	-1.13
3900.00	118.80	117.74	-1.06
3950.00	119.50	118.51	-0.99
4000.00	120.30	119.27	-1.03
4050.00	121.00	120.04	-0.96
4100.00	121.70	120.80	-0.90
4150.00	122.40	121.56	-0.84
4200.00	123.10	122.32	-0.78
4250.00	123.80	123.08	-0.72
4300.00	124.00	123.84	-0.16
4350.00	125.10	124.60	-0.50
4400.00	125.80	125.35	-0.45
4450.00	126.40	126.11	-0.29
4500.00	127.00	126.86	-0.14
4550.00	127.60	127.62	0.02
4600.00	128.30	128.37	0.07
4650.00	128.90	129.12	0.22
4700.00	129.60	129.87	0.27
4750.00	130.30	130.62	0.32
4800.00	130.90	131.37	0.47
4850.00	131.60	132.12	0.52
4900.00	132.30	132.86	0.56
4950.00	132.90	133.61	0.71
5000.00	133.60	134.35	0.75
5050.00	134.30	135.10	0.80
5100.00	135.00	135.84	0.84
5150.00	135.70	136.58	0.88
5200.00	136.50	137.32	0.82
5250.00	137.10	138.06	0.96

5300.00	137.80	138.80	1.00
5350.00	138.60	139.53	0.93
5400.00	139.20	140.27	1.07
5450.00	140.10	141.00	0.90
5500.00	140.80	141.74	0.94
5550.00	141.50	142.47	0.97
5600.00	142.20	143.20	1.00
5650.00	143.00	143.93	0.93
5700.00	143.70	144.66	0.96
5750.00	144.40	145.39	0.99
5800.00	145.10	146.12	1.02
5850.00	145.80	146.84	1.04
5900.00	146.40	147.57	1.17
5950.00	147.10	148.29	1.19
6000.00	147.60	149.01	1.41
6050.00	148.20	149.74	1.54
6100.00	148.80	150.46	1.66
6150.00	149.30	151.18	1.88
6200.00	150.00	151.90	1.90
6250.00	150.60	152.61	2.01
6300.00	151.20	153.33	2.13
6350.00	151.80	154.05	2.25
6400.00	152.50	154.76	2.26
6450.00	153.10	155.48	2.38
6500.00	153.70	156.19	2.49
6550.00	154.30	156.90	2.60
6600.00	154.90	157.61	2.71
6650.00	155.50	158.32	2.82
6700.00	156.10	159.03	2.93
6750.00	156.70	159.74	3.04
6800.00	157.40	160.44	3.04
6850.00	158.00	161.15	3.15
6900.00	158.70	161.85	3.15
6950.00	159.40	162.55	3.15
7000.00	160.20	163.26	3.06
7050.00	160.90	163.96	3.06
7100.00	161.70	164.66	2.96
7150.00	162.40	165.36	2.96
7200.00	163.30	166.05	2.75
7250.00	164.00	166.75	2.75
7300.00	164.80	167.45	2.65
7350.00	165.70	168.14	2.44
7400.00	166.70	168.84	2.14
7450.00	167.80	169.53	1.73
7500.00	169.00	170.22	1.22
7550.00	170.30	170.91	0.61
7600.00	171.60	171.60	0.00
7650.00	172.80	172.29	-0.51
7700.00	174.20	172.98	-1.22
7750.00	175.50	173.66	-1.84
7800.00	176.80	174.35	-2.45
7850.00	178.10	175.03	-3.07
7900.00	179.40	175.72	-3.68
7950.00	180.70	176.40	-4.30
8000.00	181.60	177.08	-4.52
8050.00	181.90	177.76	-4.14

8100.00	182.30	178.44	-3.86
8150.00	182.70	179.12	-3.58
8200.00	183.10	179.79	-3.31
8250.00	183.50	180.47	-3.03
8300.00	183.90	181.14	-2.76
8350.00	184.30	181.82	-2.48
8400.00	184.70	182.49	-2.21
8450.00	185.20	183.16	-2.04
8500.00	185.60	183.83	-1.77
8550.00	186.10	184.50	-1.60
8600.00	186.40	185.17	-1.23

**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED
OCT 14 1988

DIVISION OF
OIL, GAS & MINING

AMOCO PRODUCTION COMPANY
COMPANY

3 N 7E S 2
B# 3 N 7E S 2

~~MONECH INVESTMENT CO. LTD. #2~~
WELL NAME

W12-04

SUMMIT COUNTY, UTAH
LOCATION

JOB NUMBER

410-0876

TYPE OF SURVEY

SEEKER

DATE

1-JUN-87

SURVEY BY
R. F. LAMPERT

OFFICE
ROCKY MOUNTAIN

MEASURED DEPTH	DRIFT		COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DIP/SLOPE SEVERITY
	ANGLE D M	DIRECTION D M						
0.00	0 0	N 0 0 E	0.00	0.00	0.00	0.00 N	0.00 E	0.00
100.00	0 13	S 69 31 E	100.00	100.00	0.19	0.07 S	0.18 E	0.22
200.00	0 48	S 49 13 E	100.00	200.00	1.07	0.52 S	0.94 E	0.59
300.00	1 17	S 46 49 E	100.00	299.98	2.86	1.73 S	2.29 E	0.50
400.00	1 5	S 43 48 E	100.00	399.96	4.87	3.18 S	3.76 E	0.22
500.00	0 24	N 76 10 E	100.00	499.95	6.07	3.53 S	4.95 E	0.7
600.00	0 38	N 53 41 E	100.00	599.94	6.55	3.15 S	5.76 E	0.27
700.00	0 44	N 60 45 E	100.00	699.94	7.07	2.51 S	6.76 E	0.13
800.00	0 44	N 55 43 E	100.00	799.93	7.64	1.84 S	7.84 E	0.07
900.00	0 38	N 57 26 E	100.00	899.92	8.14	1.17 S	8.85 E	0.10
1000.00	0 26	N 36 21 E	100.00	999.92	8.39	0.53 S	9.54 E	0.28
1100.00	0 32	N 27 11 E	100.00	1099.91	8.39	0.19 N	9.98 E	0.12
1200.00	1 5	N 2 19 W	100.00	1199.90	7.93	1.55 N	10.28 E	0.67
1300.00	1 26	N 10 49 E	100.00	1299.88	6.92	3.73 N	10.44 E	0.46
1400.00	2 30	N 17 32 E	100.00	1399.82	5.89	7.07 N	11.29 E	1.09
1500.00	3 3	N 20 28 E	100.00	1499.70	4.82	11.66 N	12.87 E	0.57
1600.00	3 7	N 19 13 E	100.00	1599.56	3.72	16.72 N	14.69 E	0.09
1700.00	3 28	N 20 1 E	100.00	1699.39	2.51	22.12 N	16.61 E	0.36
1800.00	3 26	N 19 56 E	100.00	1799.21	1.29	27.78 N	18.68 E	0.03
1900.00	3 35	N 20 39 E	100.00	1899.02	0.08	33.53 N	20.80 E	0.17
2000.00	3 31	N 17 50 E	100.00	1998.83	-1.26	39.38 N	22.84 E	0.19
2100.00	3 35	N 20 47 E	100.00	2098.64	-2.59	45.21 N	24.89 E	0.19
2200.00	4 17	N 24 17 E	100.00	2198.40	-3.68	51.54 N	27.51 E	0.73
2300.00	5 2	N 25 19 E	100.00	2298.07	-4.65	58.90 N	30.91 E	0.76
2400.00	5 6	N 27 50 E	100.00	2397.68	-5.44	66.79 N	34.86 E	0.23
2500.00	4 34	N 29 30 E	100.00	2497.32	-5.88	74.18 N	38.90 E	0.55
2600.00	4 3	N 31 42 E	100.00	2597.04	-6.03	80.64 N	42.72 E	0.55
2700.00	4 0	N 34 40 E	100.00	2696.80	-5.85	86.52 N	46.56 E	0.21
2800.00	3 44	N 41 24 E	100.00	2796.57	-5.10	91.83 N	50.72 E	0.53
2900.00	3 29	N 42 19 E	100.00	2896.37	-3.99	96.52 N	54.92 E	0.26

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DOGLEG SEVERITY
3000.00	2 1	N 33 57 E	100.00	2996.25	-3.46	100.29 N	57.88 E	1.51
3100.00	1 32	N 20 10 E	100.00	3096.20	-3.71	103.05 N	59.29 E	0.64
3200.00	1 26	N 25 4 E	100.00	3196.17	-4.12	105.45 N	60.29 E	0.16
3300.00	1 26	N 25 41 E	100.00	3296.14	-4.39	107.69 N	61.35 E	0.02
3400.00	1 27	N 49 22 E	100.00	3396.11	-4.14	109.67 N	62.87 E	0.59
3500.00	2 18	N 68 43 E	100.00	3496.05	-2.64	111.35 N	65.67 E	1.04
3600.00	3 11	N 69 37 E	100.00	3595.94	0.27	113.05 N	70.14 E	0.11
3700.00	4 5	N 73 26 E	100.00	3695.73	4.33	115.06 N	76.15 E	0.92
3800.00	4 36	N 82 45 E	100.00	3795.45	9.79	116.62 N	83.54 E	0.67
3900.00	5 8	N 87 24 E	100.00	3895.09	16.59	117.34 N	91.97 E	0.66
4000.00	6 10	N 90 0 E	100.00	3994.60	24.84	117.57 N	101.81 E	1.07
4100.00	7 22	S 87 26 E	100.00	4093.90	35.00	117.30 N	113.59 E	1.25
4200.00	7 58	S 88 5 E	100.00	4193.01	46.63	116.78 N	126.93 E	0.60
4300.00	8 15	S 87 10 E	100.00	4292.01	58.92	116.20 N	141.01 E	0.30
4400.00	8 39	S 87 37 E	100.00	4390.92	71.76	115.53 N	155.69 E	0.41
4500.00	8 25	S 87 41 E	100.00	4489.82	84.68	114.92 N	170.51 E	0.24
4600.00	8 25	S 86 47 E	100.00	4588.75	97.53	114.21 N	185.17 E	0.13
4700.00	8 24	S 87 32 E	100.00	4687.67	110.35	113.48 N	199.78 E	0.11
4800.00	8 42	S 86 21 E	100.00	4786.56	123.39	112.69 N	214.62 E	0.34
4900.00	8 48	S 84 43 E	100.00	4885.40	136.90	111.51 N	229.78 E	0.27
5000.00	9 10	S 83 34 E	100.00	4984.17	150.96	109.91 N	245.31 E	0.42
5100.00	9 51	S 82 31 E	100.00	5082.80	165.97	107.91 N	261.71 E	0.70
5200.00	10 37	S 82 18 E	100.00	5181.20	182.19	105.56 N	279.33 E	0.77
5300.00	11 41	S 82 48 E	100.00	5279.32	199.83	103.05 N	298.51 E	1.06
5400.00	12 15	S 82 7 E	100.00	5377.14	218.74	100.33 N	319.06 E	0.59
5500.00	12 40	S 82 36 E	100.00	5474.79	238.45	97.46 N	340.45 E	0.43
5600.00	13 4	S 81 5 E	100.00	5572.27	258.87	94.30 N	362.50 E	0.52
5700.00	13 49	S 79 53 E	100.00	5669.53	280.39	90.45 N	385.43 E	0.31
5800.00	13 57	S 78 47 E	100.00	5766.61	302.79	86.01 N	409.00 E	0.29
5900.00	14 15	S 77 22 E	100.00	5863.60	325.70	80.98 N	432.83 E	0.46

CONTINUED ON NEXT PAGE ...

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DOGLEG SEVERITY
6000.00	14 11	S 77 14 E	100.00	5960.54	348.91	75.58 N	456.78 E	0.06
6100.00	13 6	S 77 42 E	100.00	6057.71	371.20	70.46 N	479.80 E	1.09
6200.00	12 19	S 80 28 E	100.00	6155.27	391.76	66.30 N	501.40 E	1.00
6300.00	11 5	S 83 34 E	100.00	6253.19	410.31	63.48 N	521.47 E	1.38
6400.00	9 58	S 87 17 E	100.00	6351.50	426.56	62.02 N	539.67 E	1.30
6500.00	8 53	N 88 26 E	100.00	6450.15	440.58	61.86 N	556.04 E	1.20
6600.00	8 23	N 84 7 E	100.00	6549.02	452.82	62.84 N	571.02 E	0.8
6700.00	8 5	N 77 29 E	100.00	6647.99	463.63	65.12 N	585.14 E	1.00
6800.00	8 2	N 75 8 E	100.00	6747.00	473.48	68.44 N	598.77 E	0.33
6900.00	8 3	N 73 41 E	100.00	6846.01	483.04	72.23 N	612.35 E	0.20
7000.00	8 3	N 72 32 E	100.00	6945.03	492.23	76.27 N	625.65 E	0.16
7100.00	8 7	N 70 40 E	100.00	7044.04	501.25	80.71 N	638.99 E	0.27
7200.00	8 8	N 67 59 E	100.00	7143.03	509.89	85.70 N	652.22 E	0.38
7300.00	7 57	N 68 33 E	100.00	7242.05	518.22	90.88 N	665.22 E	0.20
7400.00	8 5	N 68 16 E	100.00	7341.07	526.56	96.01 N	678.19 E	0.14
7500.00	7 59	N 65 17 E	100.00	7440.09	534.59	101.51 N	691.02 E	0.42
7540.00	8 29	N 65 5 E	40.00	7479.68	537.75	103.92 N	696.22 E	1.26

CLOSURE - DISTANCE : 703.93 REPORT UNITS : Feet
 DIRECTION : N 81 31 E SURVEY CALCULATION METHOD : Radius of curvature

SURVEY RUN INFORMATION

=====

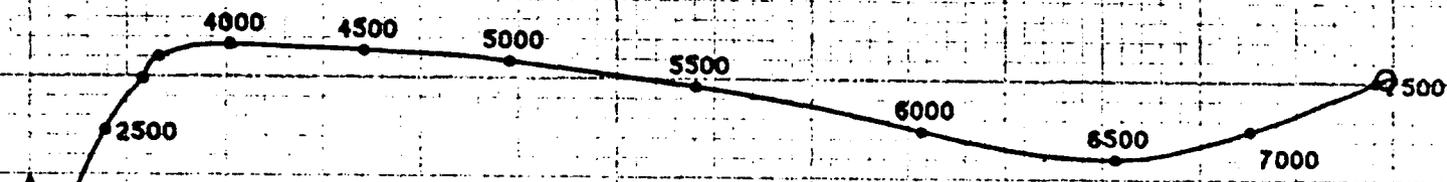
SEEKER 0 -7540 / 1-JUN-87 / R. F. LAMPERT / 410-0876

WEST-EAST

200 100 0 100 200 300 400 500 600 700

NORTH-SOUTH

400
300
200
100
0
100
200



AMOCO PRODUCTION COMPANY
MONECH INVESTMENT CO. LTD. # 2
FINAL STATION:
DEPTH: 7540 MD. 7479.68 TVD
103.92 NORTH. 696.22 EAST

**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

AMOCO PRODUCTION COMPANY
COMPANY

MONECH INVESTMENT CO. LTD. #2
WELL NAME

SUMMIT COUNTY, UTAH
LOCATION

JOB NUMBER

410-0876

TYPE OF SURVEY

SEEKER

DATE

1-DEC-87

SURVEY BY

DENNY COY

OFFICE

ROCKY MOUNTAIN

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DOGLEG SEVERITY
13400.00	2 49	S 77 54 E	0.00	13285.30	1242.71	807.22 S	962.07 E	0.00
13500.00	3 10	S 87 23 E	100.00	13385.16	1247.46	807.89 S	967.24 E	0.61
13600.00	2 43	N 79 27 E	100.00	13485.03	1251.62	807.53 S	972.34 E	0.82
13700.00	4 48	N 48 54 E	100.00	13584.81	1255.10	804.71 S	978.18 E	2.83
13800.00	7 57	N 55 16 E	100.00	13684.18	1258.96	797.89 S	986.93 E	3.21
13900.00	8 0	N 47 21 E	100.00	13783.21	1263.61	789.23 S	997.74 E	1.10
14000.00	8 4	N 35 22 E	100.00	13882.23	1265.95	778.76 S	1006.96 E	1.67
14100.00	8 47	N 21 41 E	100.00	13981.15	1265.14	765.92 S	1013.94 E	2.00
14200.00	8 39	N 7 17 E	100.00	14080.00	1260.66	751.28 S	1017.72 E	2.16
14300.00	11 13	N 2 19 W	100.00	14178.49	1252.25	734.07 S	1018.47 E	3.04
14400.00	12 9	N 1 7 E	100.00	14276.42	1241.44	713.82 S	1018.25 E	1.16
14500.00	13 5	N 8 42 E	100.00	14374.00	1231.60	692.09 S	1020.12 E	1.90
14600.00	13 16	N 0 9 E	100.00	14471.37	1221.17	669.39 S	1021.88 E	1.96
14700.00	13 54	N 10 1 W	100.00	14568.57	1207.17	646.01 S	1019.86 E	2.47
14800.00	13 36	N 7 47 W	100.00	14665.71	1191.71	622.53 S	1016.19 E	0.61
14900.00	14 50	N 7 37 W	100.00	14762.64	1176.12	598.19 S	1012.90 E	1.23
15000.00	13 50	N 9 0 W	100.00	14859.53	1160.20	573.69 S	1009.32 E	1.05
15100.00	9 17	N 2 26 W	100.00	14957.47	1148.03	553.76 S	1007.32 E	4.73
15200.00	6 44	N 3 11 W	100.00	15056.49	1140.14	539.85 S	1006.64 E	2.56
15300.00	7 14	N 3 35 W	100.00	15155.75	1133.15	527.71 S	1005.92 E	0.51
15400.00	9 5	N 0 3 W	100.00	15254.73	1125.30	513.52 S	1005.47 E	1.00
15500.00	14 27	N 11 51 E	100.00	15352.59	1116.45	493.28 S	1007.56 E	5.00
15600.00	20 39	N 16 32 E	100.00	15447.89	1107.39	464.07 S	1014.95 E	6.36
15639.00	20 36	N 16 33 E	39.00	15484.35	1103.77	450.81 S	1018.89 E	0.71

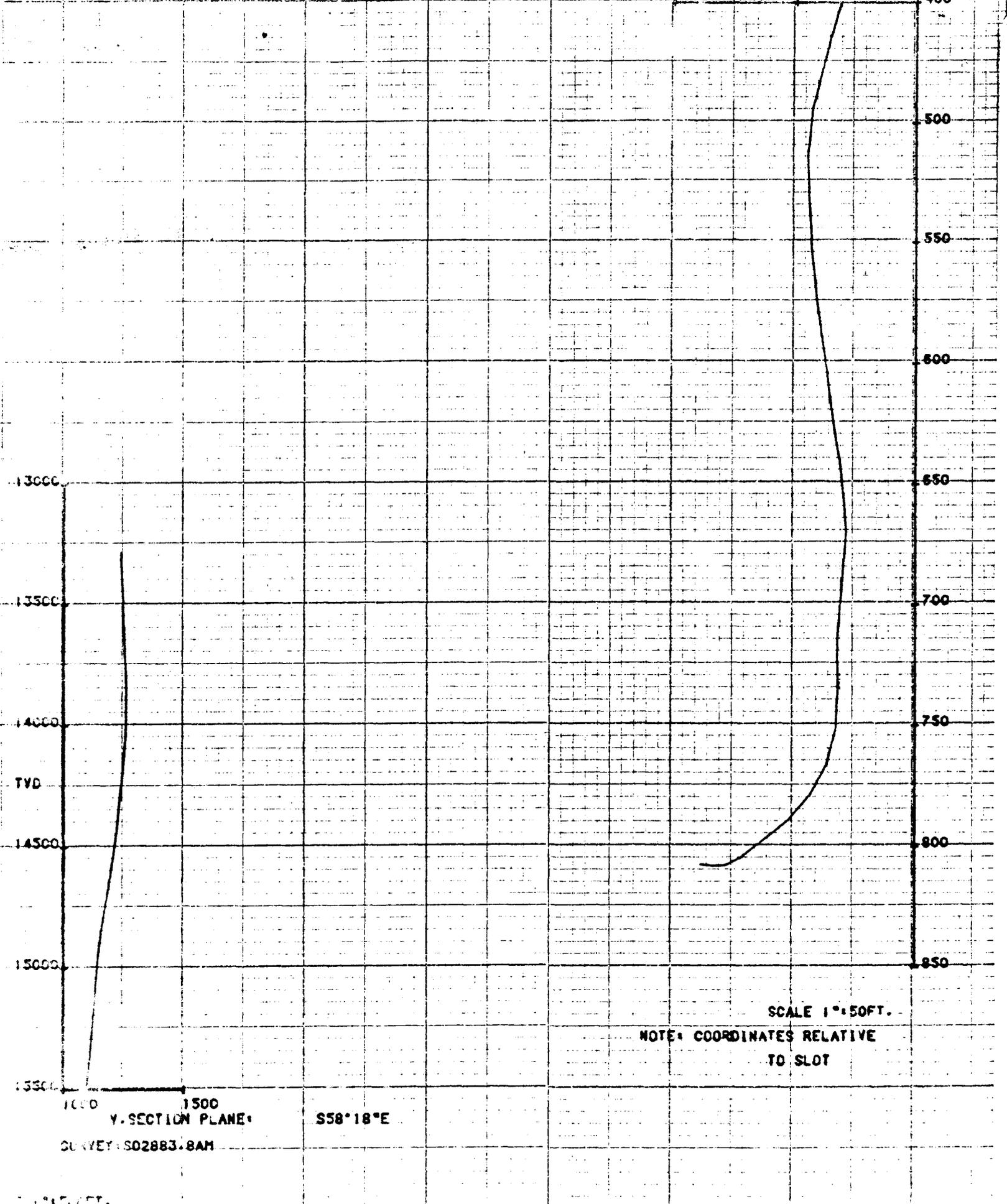
CLOSURE - DISTANCE : 1114.16
 DIRECTION : S 66 8 E

REPORT UNITS : Feet
 SURVEY CALCULATION METHOD : Radius of curvature

SURVEY RUN INFORMATION

=====

***** 13400 - 15639 / 1-DEC-87 / DENNY COY



1000 1500
 V. SECTION PLANE
 SURVEY: S02883.8AM

S58°18'E

SCALE 1"=50FT.

NOTE: COORDINATES RELATIVE
 TO SLOT

AMOCO PRODUCTION COMPANY
 MONECH INVESTMENT CO LTD
 SUMMIT COUNTY, UTAH

WELL: #2

SLOT: 1

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

5. LEASE DESIGNATION AND SERIAL NO.

Fee 0.1

6. IF INDIAN ALLIANCE OR TRIBE NAME

01110

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Moench Investment Co., LT

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Nugget (Anschutz Ranch Ea

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

Sec. 2, T3N, R7E

12. COUNTY OR PARISH Summit

13. STATE Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [] GAS WELL [X] DRY []

b. TYPE OF COMPLETION: NEW WELL [X] 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 requirements)* At surface 865' FEL x 373' FSL, Sect. 2, T3N, R7E At top prod. interval reported below 149' FWL x 237' FNL, Sec. 12, T3N, R7E At total depth 155' FWL x 108' FNL, Sec 12, T3N, R7E

14. PERMIT NO. 43-043-30283 DATE ISSUED JAN 06 1988

15. DATE SPUDDED 3/30/87 16. DATE T.D. REACHED 11/5/87 17. DATE COMPL. (Ready to prod.) 12/2/87 18. ELEVATIONS (OF, RES. BT. GR. ETC.)* 8875' GL/8905' KB 19. ELEV. CASINGHEAD 8873'

20. TOTAL DEPTH, MD & TVD 15649' MD/15494TVD 21. PLUG, BACK T.D., MD & TVD 15620' MD/15466TVD 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top = 14852' MD Name=Nugget Top = 14716' TVD Bottom= 15649' MD Bottom = 15494' TVD

25. WAS DIRECTIONAL SURVEY MADE Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN CNL, FDC, Dual Induction, Long Spaced Sonic, Six Arm Dipmeter, CET, CBT, Dir. 27. WAS WELL CORED No

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

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 20", 13-3/8", 9 5/8"-10 5/8", 7" casing sizes.

Table with columns: LINER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD)) and TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

31. PERFORATION RECORD (Interval, size and number) 14863'-14934', 14958'-15016', 15026'-15074', 15084'-15158', 15178'-15244', 15278'-15354', 15384'-15409', 15434'-15479', (4JSPF; 22.7gm charges) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33. PRODUCTION DATE FIRST PRODUCTION 12/4/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

Table with columns: DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL—BSL., GAS—MCF., WATER—BSL., GAS-OIL RATIO. Rows include test data for 12/6/87 and flow tubing pressure data.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Reinjecte into Anschutz Ranch East - West Lobe 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 Lon Buehner TITLE Operations Supervisor DATE 12/22/87

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

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

Item 29: "Secks 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		38. GEOLOGIC MARKERS	
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	BOTTOM
		NAME	MEAS. DEPTH
		TOP	TRUE VERT. DEPTH
Nugget	14852	Retrograde Gas and Condensate	15649
		Aspen	7327
		Bear River	7725
		Gannet	8075
		Preuss	12047
		Top Salt	13191
		Base Salt	13198
		Twin Creek	13253
		Leeds Creek	13761
		Matton Canyon	13986
		Boundary Ridge	14316
		Rich	14360
		Slide Rock	14635
		Gypsum Springs	14720
		Nugget	14852
			7269
			7663
			8010
			11872
			13005
			13012
			13066
			13645
			13868
			14194
			14237
			14505
			14588
			14716



RECORDED
JAN 19 1988

DIVISION OF
OIL, GAS & MINING

Amoco Production Company

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

N. E. Spencer
District Manager

020818

Certified P651 033 493

January 13, 1988

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

Attn: Don Staley

PBW-NBSO

43-043-30283

File: RMR-68-092.B

3N7E Sec. 12

Entity Action Form

Attached is State of Utah Division of Oil, Gas, and Mining Form 6, Entity Action Form. We have changed Moench Investment Company LTD#2 to the Anschutz Ranch East W12-04 effective December 2, 1987.

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

Well Name Change

HRCN/djw

;

~~an~~ operator change

FYI

cc: NCS
AWS

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.)

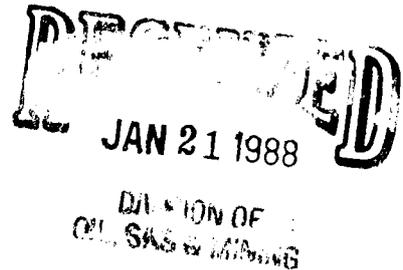
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee <u>PGW-NBSO</u>
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>012507</u>
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 865' FEL & 373' FSL Sec. 2, T3N, R7E 210' FNL & 110' FWL BHL at Nugget top Sec. 12, T3N, R7E		8. FARM OR LEASE NAME <u>W12-04</u>
14. PERMIT NO. <u>43-043-30283</u>	15. ELEVATIONS (Show whether DP, ST, GR, etc.) <u>8875' GR</u>	9. WELL NO. <u>W12-04</u>
		10. FIELD AND POOL, OR WILDCAT <u>Anschutz Ranch East</u>
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <u>Sec. 12, T3N, R7E</u>
		12. COUNTY OR PARISH <u>Summit</u>
		13. STATE <u>Utah</u>

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

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

The Moench Investment Company Ltd. #2 Well has a name change to Anschutz Ranch East W12-04



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

SIGNED [Signature] TITLE Supv. Foreman DATE 01-13-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

VICKY,

THIS MAY BE ONE OF THOSE
WELLS WHICH, ALTHOUGH DRILLED
WITHIN THE UNIT, DON'T QUALIFY
AS A UNIT WELL UNTIL MEETING
PRODUCTION REQUIREMENTS. IT
SEEMS TO ME THAT A HISTORICAL
CHANGE OF PROD AND DISP WAS
THEN NEEDED AS THE ENTITY CHANGED
AND A QUALIFYING DATE WAS
IDENTIFIED.

7 1-27-92

P.S. THIS WILL NEED TO GO INTO
THE ROUTING PROCESS PRIOR TO
NEXT TAX

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR Amoco Rockmount
ADDRESS P.O. Box 829
Evansville, Wyoming
82930

OPERATOR CODE N1390
PHONE NO. 307 789-1700
030104

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	4540	Same	4304330283	Anschutz Ranch East W12-04	SESE	12	3U	7E	Summit	30 Mar 87	2 Dec 87
COMMENTS: 1) The old well name was Moench Investment Company LTD #2. 2) The old operator was Amoco Production Company, operator code N0050.											
COMMENTS: <p style="text-align: right;">CC: NCS AWS</p>											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES:
- A - ESTABLISH NEW ENTITY FOR NEW WELL
 - B - ADD NEW WELL TO EXISTING ENTITY
 - C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 - D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 - E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS)

John R. Daniels
SIGNATURE
Admin Supervisor
TITLE
 1-13-88
DATE



Amoco Production Company

April 20, 1988

RECEIVED
APR 25 1988

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: Corrected Completion Report for the
Anschutz Ranch East W12-04 Well
Sec. 2, T3N, R7E
Summit County, Utah

Attached please find a Completion Report for the above referenced well with the following corrections highlighted in yellow. The original Completion Report was submitted to the State on 12-22-87.

Corrections were made for the location at top producing interval, total depth, corrected TVD at total depth, plug back and geologic markers.

If there are any questions regarding the enclosed matter please contact Karen Gollmer at (307) 783-2234.

Thank you,

Craig Griffith
Sr. Drilling Foreman

/kg

Encl.

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 W12-04 9. WELL NO. W12-04 10. FIELD AND POOL, OR WILDCAT Nugget 11. SEC., T., R., M., OR BLOCK AND SURVEY OR ABBA Sec. 2, T3N, R7E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [] GAS WELL [X] DRY [] Other []

b. TYPE OF COMPLETION: NEW WELL [X] 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 865' FEL & 373' FSL Sec. 2, T3N, R7E At top prod. interval reported below 146' FWL & 236' FNL Sec. 12, T3N, R7E At total depth 152' FWL & 74' FNL Sec. 12, T3N, R7E

14. PERMIT NO. 43-043-30283 DATE ISSUED 2-24-87

12. COUNTY OR PARISH Summit 13. STATE UT

15. DATE SPUDDED 3-30-87 16. DATE T.D. REACHED 11-5-87 17. DATE COMPL. (Ready to prod.) 12-2-87 18. ELEVATIONS (DF, RES, BT, GR, ETC.)* 8875' GL 8905' KB 19. ELEV. CASINGHEAD 8873'

20. TOTAL DEPTH, MD & TVD 15649' MD 15421' TVD 21. PLUG, BACK T.D., MD & TVD 15620' MD 15396' TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top = 14852' MD Name: Nugget Top = 14644' TVD Bot = 15649' Bot = 15421' TVD 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, Dual Induction, Long Spaced Sonic, 6 Arm Dipmeter, CET,CBT,Dir 27. WAS WELL COILED No

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 20", 13 3/8", 5/8-10 5/8", and 7" casing sizes.

Table with 6 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), TUBING RECORD. Includes tubing size 3 1/2" and depth 14547'.

31. PERFORATION RECORD (Interval, size and number) 14863'-14934', 14958'- 15016', 15026'-51074' 15084'-15158', 15187'- 15244', 15278'-15354' 15384'-15409', 15434'- 15479', 4 JSPF 22.7 gm Charges

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Section 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33. PRODUCTION DATE FIRST PRODUCTION 12-4-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing DATE OF TEST 12-6-87 HOURS TESTED 24 CHOKED SIZE 64/64 PROD'N. FOR TEST PERIOD 1700 OIL—BBL. 1700 GAS—MCF. 14400 WATER—BBL. 0 GAS-OIL RATIO 8471 FLOW. TUBING PRBS. 2000 CASING PRESSURE 0 CALCULATED 24-HOUR RATE 1700 GAS—MCF. 14400 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 47

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Re-Injected into Anschutz Ranch East - West Lobe TEST WITNESSED BY

35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Sr. Drilling Foreman DATE 4-20-88

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

INSTRUCTIONS

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

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

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
Nugget	14852'	15649'	Retorgrade Gas & Condensate		
				Aspen	7327'
				Bear River	7725'
				Gannet	8075'
				Preuss	12047'
				Top Salt	13191'
				Base Salt	13198'
				Twin Creek	13253'
				Leeds Creek	13761'
				Watton Canyon	13986'
				Boundry Ridge	14316'
				Rich	14360'
				Slide Rock	14635'
				Gypsum Springs	14720'
				Nugget	14852'
					7269'
					7663'
					8010'
					11872'
					13005'
					13012'
					13066'
					13573'
					13797'
					14123'
					14166'
					14434'
					14516'
					14644'

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 wells in different reservoirs. Use "APPLICATION FOR PERMIT—" for such proposals.)

MAY 9 1988

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
SFC 1808' FWL & 643' FSL Sec. 17, T4N, R8E
BHL 2340' FWL & 180' FNL Sec. 20, T4N, R8E

14. PERMIT NO. 43-043-30291

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7492' GR

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
W20-03

9. WELL NO.
W20-03

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
Sec. 17, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
UT

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) _____	
(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.)*

On 5-5-88 verbal permission was received from John Baza of the Utah Oil & Gas Conservation Commission to Reid Smith of Amoco Production Company for the following procedure:

Approximately 1500 bbls of reserve pit fluid will be hauled from the W20-03 well to the W12-04 well and disposed of down the backside.

This is a one time only procedure.

The annulus on the W12-04 well will be cemented after disposal is completed.

COPY

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

SIGNED Walter L. Shaffer TITLE District Drilling Supervisor DATE 5-5-88

(This space for Federal or State office use)

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

DATE: 5-10-88

*See Instructions on Reverse Side

John R. Baza

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

SUBMIT IN TRIPLICATE*
(*Instructions on reverse side)

4

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.)

<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <p style="margin: 0;">RECEIVED</p> <p style="margin: 0; font-size: 1.2em;">MAY 23 1988</p> <p style="margin: 0; font-size: 0.8em;">DIV. OIL, GAS, MINING</p> </div>	
<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 865' FEL & 373' FSL</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 W12-04</p> <p>9. WELL NO. W12-04</p> <p>10. FIELD AND POOL, OR WILDCAT Nugget</p> <p>11. SEC., T., R., M., OR BLM. AND SURVEY OR ABBA Sec. 2, T3N, R7E</p> <p>12. COUNTY OR PARISH 13. STATE Summit UT</p>
<p>14. PERMIT NO. 43-043-30283</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8905' KB / 8875' GL</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"/>	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>Annular Disposal</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.)*

Reserve pit fluids were disposed of down the 13 3/8" x 9 5/8" casing annulus. Total volume pumped was 14,535 barrels at an average rate and pressure of 1.5 BPM and 1000 psi. A temperature log was run which indicated the fluid entry into the rock began at about 7950'. The 13 3/8" casing shoe is at 7671'. The casing annulus was then cemented with 150 sx Class "H" cement. The cement plug was displaced with 427 bbls of packer fluid and 5 bbls of diesel fluid. The cement plug is presently between 7430' - 7917' inside of the 13 3/8" x 9 5/8" casing annulus. Avg. rate and pressure during cementing operations was 3 BPM and 1400 psi.

This work was discussed between John Baza Utah Oil and Gas and Bruce Leggett Amoco on 4-20-88 at 10:00 a.m.

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

SIGNED Walter J. Shaffer TITLE Dist Drilling Supervisor DATE 5-19-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Amoco Production Company

Denver Region
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

Don F. Crespo, Jr.
Regional Administrative Manager, Production

RECEIVED
JAN 24 1990

DIVISION OF
OIL, GAS & MINING

January 22, 1990

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

File: DDL-2056-980.3

Annual Report of Drilling-Suspended,
Shut-In and Temporarily-Abandoned Wells

As operator of the Anschutz Ranch East Operation Center and in accordance with Rule R615-8-10 of the Utah Oil and Gas Conservation General Rules, listed below is the annual status report for wells that have been shut-in or temporarily-abandoned for more than 30 consecutive days as of December 31, 1989. The wells listed are located in Summit County, Utah.

Please note, there were no drilling wells that had suspended drilling operations as of December 31, 1989. Questions regarding well status may be directed to David Lovato at (303) 830-5321.

<u>WELL NAME</u>	<u>API NUMBER</u>	<u>COMMENTS</u>
ARE 081A	43-043-30130	SHUT-IN
ARE E28-06	43-043-30226	SHUT-IN
ARE W12-04 ³³	43-043-30283	SHUT-IN Sec. 2 T. 3N R. 7E
ARE W29-04	43-043-30129	SHUT-IN
CH 387 B1A	43-043-30168	SHUT-IN TWIN CREEK
CH 372 C1	43-043-30143	SHUT-IN TWIN CREEK
CH 372 C1	43-043-30143	SHUT-IN NUGGET
CH 372 D1	43-043-30170	SHUT-IN NUGGET
ISLAND RANCH B1	43-043-30109	SHUT-IN TWIN CREEK
ISLAND RANCH D1	43-043-30161	SHUT-IN WEBER
AMOCO-CHAMP F & S	43-043-30078	SHUT-IN
CH 544 D1	43-043-30210	P X A (12/89)
CH 544 D2	43-043-30246	P X A (12/89)

D. F. Crespo, Jr.
DMW

DJL/rlt

cc: Bureau of Land Management
324 South State, Suite 301
Salt Lake City, Utah 84111-2303



RECEIVED
FEB 06 1991

Amoco Production Company

Denver Region
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

Don F. Crespo, Jr.
Regional Administrative Manager, Production DIVISION OF
OIL, GAS & MINING

February 4, 1991

State of Utah
Division of Oil, Gas, and Mining
355 West N. Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

(1) TAS ✓
(2) GLH ✓
(3) Rwm ✓
File

File: DFC-100-980.3

Annual Report of Drilling-suspended,
Shut-in and Temporarily-Abandoned Wells

As operator of the Anschutz Ranch East Operation Center and in accordance with Rule 615-8-10 of the Utah Oil and Gas Conservation general Rules, Listed below is the annual status report for wells that have been shut-in or temporarily-abandoned for more than 30 consecutive days as of December 31, 1990. The wells listed are located in Summit County, Utah.

<u>Well Name</u>	<u>API Number</u>	<u>Comments</u>
Anschutz Ranch East 81A	43-043-30130	Shut-in <i>12-BHL</i>
Anschutz Ranch East W12-04	43-043-30283	<i>sqw</i> Shut-in <i>Sec. 2, T. 3N, R. 7E - SUR</i>
Champlin 387 B1A	43-043-30168	Shut-in (Twin Creek)
Champlin 372 C1	43-043-30143	Shut-in (Twin Creek)
Champlin 372 C1	43-043-30143	Shut-in (Nugget)
Champlin 372 D1	43-043-30170	Shut-in (Nugget)
Island Ranch B1	43-043-30109	Shut-in (Twin Creek)
Island Ranch D1	43-043-30161	Shut-in (Weber)
Amoco Champlin F & S	43-043-30078	Shut-in
Champlin 544 D1	43-043-30210	P x A (12/89)
Champlin 544 D2	43-043-30246	P x A (12/89)
Champlin 846 Amoco /B/ #1	43-043-30253	Shut-in

Please note that there were no drilling wells that had suspended operations as of December 31, 1990. Questions regarding this report may be directed to James Camargo at (303) 830-4233.

W. F. Crespo, Jr.
jcw

:jpc

cc: Bureau of Land Management
324 South State, Suite 301
Salt Lake City, Utah 84111-2303

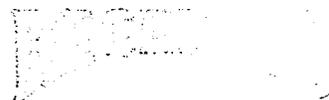


Amoco Production Company

Northwestern U.S. Business Unit
Amoco Building
1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

February 24, 1992 ✓

State of Utah
Division of Oil, Gas, and Mining
355 W. N. Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203



FEB 27 1992

DIVISION
OIL GAS & MINING

File: GRW-046-980.3

Annual Report of Drilling - Suspended,
Shut-in and Temporarily-abandoned Wells

As operator of the Anschutz Ranch East Operation Center and in accordance with Rule 615-8-10 of the Utah Oil and Gas Conservation general rules, find attached annual status reports for all wells that have been shut-in for more than 30 consecutive days as of December 31, 1991.

Please note that there were no drilling wells on which drilling operations have been suspended for more than 30 consecutive days as of December 31. Also, no wells have been temporarily abandoned for more than 30 consecutive days as of December 31.

G. R. West
Sr. Staff Admin. Supervisor

MAT/jms

Attachments

cc: Bureau of Land Management
324 South State, Suite 301
Salt Lake City, UT 84111-2303

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

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

7. Unit Agreement Name:

Anschutz Ranch East

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
ARE W12-04

2. Name of Operator:

Amoco Production Company

9. API Well Number:

43-043-30283

3. Address and Telephone Number:

P.O. Box 800 Room 1720A Denver, CO 80201 (303) 830-5399

10. Field and Pool, or Wildcat:

ARE- Nugget

4. Location of Well

Footages: 865' FEL x 373' FSL

County: Summit

QQ, Sec., T., R., M.: Sec 2 T3N-R7E

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

Amoco Production Company perforated additional pay in the Nugget formation from 15,256'-15,276' using 4 JSPF .29". The well was returned to production on 3/21/96.

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

15 E R E U
157-8-07

13.

Name & Signature:

Raelene Krcil

Title:

Regulatory Analyst

Date:

4/2/96

(This space for State use only)

WD tax credit review. 6/97, 10/97

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
 AMOCO ROCMOUNT COMPANY
 PO BOX 800
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

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

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number:
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name: Anschutz Ranch East
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		7. Unit Agreement Name: W12-04
2. Name of Operator: Amoco Production Company		8. Well Name and Number:
3. Address and Telephone Number: P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781		9. API Well Number: 43-043-30283
4. Location of Well Footages: 865' FEL, 373' FSL CQ, Sec., T., R., M.: Sec 2, T3N, R7E		10. Field and Pool, or Wildcat: Anschutz Ranch County: Summit State: Utah

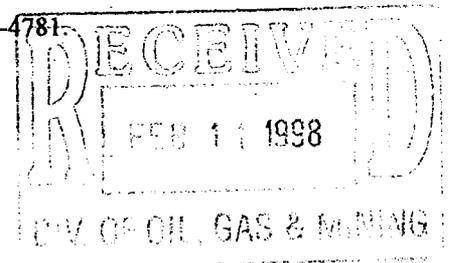
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



13. Name & Signature: Gigi Martinez Permit Agent Title: _____ Date: 2/5/98



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

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

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

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

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

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

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

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

Your assistance in this matter is appreciated.

Sincerely,

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

Lisha Cordova
Admin. Analyst, Oil & Gas

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

State of Delaware
Office of the Secretary of State

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

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

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



Edward J. Freel

Edward J. Freel, Secretary of State

0934277 8100
950022938

AUTHENTICATION: 7391913
DATE: 01-31-95

*ATTN: Lisha Cordova
801-359-3904*

4 pages

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

CERTIFICATE OF DISSOLUTION
OF
AMOCO ROCMOUNT COMPANY

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

DOES HEREBY CERTIFY:

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

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

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

DIRECTORS

NAMES

ADDRESSES

J. M. Brown

501 WestLake Park Boulevard
Houston, TX 77079

J. M. Gross

501 WestLake Park Boulevard
Houston, TX 77079

D. H. Welch

200 East Randolph Drive
Chicago, IL 60601

OFFICERS

NAMES

OFFICES

ADDRESS

J. M. Brown

President

501 WestLake Park Blvd.
Houston, TX 77079

M. R. Gile

Vice President

1670 Broadway
Denver, CO 80202

J. N. Jagers

Vice President

1670 Broadway
Denver, CO 80202

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

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

AMOCO ROCMOUNT COMPANY

ATTEST:

By Rebecca S. McGee
Assistant Secretary

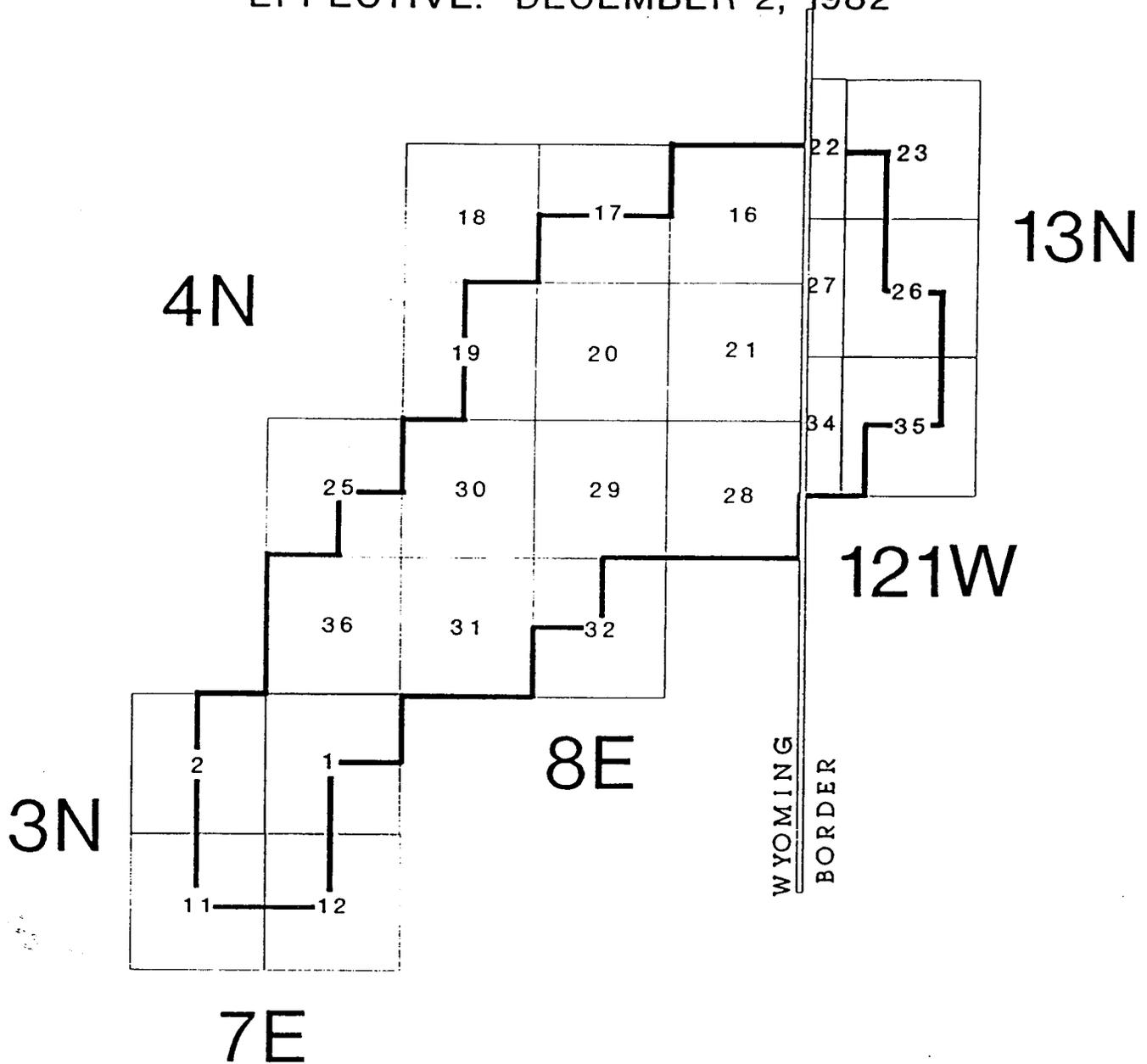
By

M. R. Gile
M. R. Gile, Vice President

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LB ✓
2-GLH ✓	7-KAS ✓
3-FES ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>43-1A3-3083</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- Jec 1. All attachments to this form have been **microfilmed**. Today's date: 3. 20. 1998.

FILING

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

COMMENTS

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

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

CERTIFICATE

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

NOW, THEREFORE, BE IT,

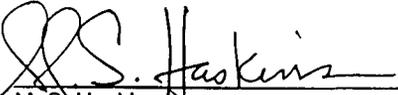
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

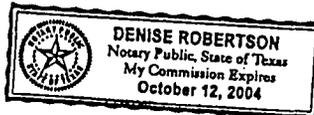
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

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

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

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

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

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

CA No. **Unit: ANSCHUTZ RANCH EAST**

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ANSCHUTZ RANCH EAST W01-06	43-043-30188	4540	01-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W01-02	43-043-30209	4540	01-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W01-04	43-043-30270	4540	01-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W01-12	43-043-30271	4540	01-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W12-04	43-043-30283	4540	02-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W11-1	43-043-30277	4540	11-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-13	43-043-30279	4540	25-4N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W36-08	43-043-30167	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-16	43-043-30157	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-10	43-043-30227	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-14	43-043-30255	4540	36-4N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-06	43-043-30138	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-12	43-043-30231	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-14	43-043-30096	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W17-16	43-043-30176	4540	17-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W19-16	43-043-30204	4540	19-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-08	43-043-30123	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-14	43-043-30145	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-06	43-043-30159	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-16	43-043-30148	4540	20-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

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

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 deeper 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 Fred 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

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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

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: ***

DATA ENTRY:

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

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

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

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2011

CERTIFIED MAIL NO. 7005 1820 0001 5562 9825

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

43 043 30283
ARE W12-04
3N 7E 2

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

Dear Ms. White:

As of January 1, 2011, Merit Energy Company ("Merit") has twenty three (23) Fee Lease Wells that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Eight (8) of these wells (Attachment A) are in addition to six (6) wells already given a second notice and nine (9) wells issued a Notice of Violation on June 30, 2010. All wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

On July 6, 2010, the Division notified Merit by certified mail that the wells listed on attachment A were in non-compliance. Merit was given 30 days to respond with required information regarding said wells. It has been almost 1 year since the notice was sent whereas Merit has not responded or shown effort to bring these wells into compliance as required by R649-3-36.

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



Page 2
Ms. White
June 6, 2011

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

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

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Attachment
cc: Well File
Operator Compliance File

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

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	ARE W30-10	43-043-30215	FEE	2 Years
2	ARE W12-04	43-043-30283	FEE	1 Year 3 Months
3	ARE W20-03	43-043-30291	FEE	2 Years 5 Months
4	ARE W20-08	43-043-30123	FEE	2 Years 5 Months
5	ARE E21-14	43-043-30130	FEE	1 Year 8 Months
6	ARE W21-04	43-043-30135	FEE	2 Years 5 Months
7	ARE W32-04	43-043-30162	FEE	1 Year 7 Months
8	ARE W20-09	43-043-30286	FEE	1 Year 11 Months



UTAH DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining
Oil and Gas Program
1594 West North Temple, Suite 1210, Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 Phone
(801) 359-3940 Fax

NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: MERIT ENERGY COMPANY

3N 7E 2
API #: 43-043-30215

Well(s) or Site(s): 1.) <u>ARE W30-10</u>	<u>43-043-30215</u>
2.) <u>ARE W12-04</u>	<u>43-043-30283</u> ←
3.) <u>ARE W20-03</u>	<u>43-043-30291</u>
4.) <u>ARE W20-08</u>	<u>43-043-30123</u>
5.) <u>ARE E21-14</u>	<u>43-043-30130</u>
6.) <u>ARE W21-04</u>	<u>43-043-30135</u>
7.) <u>ARE W32-04</u>	<u>43-043-30162</u>
8.) <u>ARE W20-09</u>	<u>43-043-30286</u>

Date and Time of Inspection/Violation: August 23, 2011

Mailing Address: Attn: Kim Mercer
13727 Noel Road, Ste 500
Dallas, TX 75240

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

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

The Division has initiated several contacts with Merit Energy Company (Merit) requesting required documents and action per R649-3-36. Wells 1 through 8 were notified of their non compliance status with a first notice on July 6, 2010. A second notice was issued on June 6, 2011 for these wells. The Division only received one sundry response in regard to this notice. Approval was given on July 5, 2011, for a plan to plug back well #6 and instructed that a SI/TA extension request be submitted upon completion of plug back and testing. No further information has been submitted by Merit to show them moving forward to move this well or any of their other wells out of non-compliance status.

Let it also be stated that the Division has previously issued Notice of Violations (NOV) for Merit's other fifteen (15) wells that are currently in non-compliance status (see attached NOV's). Merit has not responded to either NOV's to date. This NOV now brings all shut in wells operated by Merit as being in violation of the State of Utah's shut in and temporarily abandoned well requirements. Merit has failed to comply with rule R649-3-36 despite the time the Division has worked with them to bring these wells into compliance.

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

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

Compliance Deadline: October 15, 2011

Date of Service Mailing: August 25, 2011

CERTIFIED MAIL NO: 7011 0110 0001 3568 1205



Division's Representative

Operator or Representative

(If presented in person)

cc: Compliance File
Well Files

6/2005

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W12-04
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043302830000
PHONE NUMBER: 972 628-1540 Ext		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0373 FSL 0865 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 03.0N Range: 07.0E Meridian: S		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2005	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Installed Gas Lift"/>

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

This sundry is submitted to update the OGM records for this well. Merit installed gas lift in this well 11/6/2005.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 04, 2012**

NAME (PLEASE PRINT) Arlene Valliquette	PHONE NUMBER 972 628-1558	TITLE Regulatory Manager
SIGNATURE N/A	DATE 10/3/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	8. WELL NAME and NUMBER: ARE W12-04
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	9. API NUMBER: 43043302830000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0373 FSL 0865 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 03.0N Range: 07.0E 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: 9/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit Energy Company plans to Plug and Abandon the ARE 12-04 within the coming months, please find the procedure and wbd attached.

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

Date: July 31, 2014
 By: *Derek Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/8/2014	



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 43043302830000

Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.

- 2. Amend Plug #1: Move downhole $\pm 50'$ and set CIBP @ and spot 100' (18 sx minimum) on top of CIBP to adequately isolate open perms as required by R649-3-24-3.3.2.**
- 3. Amend Plug #2: An attempt to squeeze the 9 5/8" x 7" annulus should be attempted if no proof of cement behind 7" pipe at this depth. Perf @ 12,228', set CICR @ 12178'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Pump 36 sx into 7" annulus, sting out and dump 25 sx on top of CICR. This will isolate the Preuss formation.**
- 4. Amend Plug #3: This plug shall be an inside/outside plug. RIH and perforate 7" and 9 5/8" @ 8125'. RIH with CICR and set at 8075'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Close 9 5/8" casing valve and attempt to establish injection into 9 5/8" perms. If injection into the 9 5/8" perms cannot be established: M&P 31 sx cement, sting into CICR pump 22sx, sting out and dump 9 sx on top of CICR. If injection is established: M&P 74 sx cement, sting into CICR, open 13 3/8" casing valve, pump 51 sx, close 13 3/8" casing valve and open the 9 5/8" casing valve and pump 13 sx into perms, sting out and dump 9 sx on top of CICR. This will isolate the Gannett formation and mud injection zones.**
- 5. Note Plug #4: Bullhead of cement reported down 13 3/8" casing displaced to 7430' to 7917'. Injection into 9 5/8" perms may not be possible. 89 sx required for plug with all annuli. 53 sx required without injection into 9 5/8" perms.**
- 6. Add Plug #4A: This plug shall be an inside/outside plug. RIH and perforate 7" and 9 5/8" @ 3450'. RIH with CICR and set at 3400'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Close 9 5/8" casing valve and attempt to establish injection into 9 5/8" perms. If injection into the 9 5/8" perms cannot be established: M&P 31 sx cement, sting into CICR pump 22sx, sting out and dump 9 sx on top of CICR. If injection is established: M&P 60 sx cement, sting into CICR, open 13 3/8" casing valve, pump 47 sx, close 13 3/8" casing valve and open the 9 5/8" casing valve and pump 13 sx into perms, sting out and dump 9 sx on top of CICR. This will isolate the Frontier formation.**
- 7. Amend Plug #5: All annuli shall be cemented from a minimum depth of 100' to the surface. Perf. 7" & 9 5/8" @ 100' and circulate cement to surface (± 60 sx).**
- 8. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 9. Surface reclamation shall be done in accordance with R649-3-34 - Well Site Restoration.**
- 10. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 11. 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.**
- 12. All other requirements for notice and reporting in the Oil and Gas Conservation general rules shall apply.**

Wellbore Diagram

Location: Sec: 2 T: 3N R: 7E Spot: SESE

Coordinates: X: 490266 Y: 4540729

Field Name: ANSCHUTZ RANCH EAST

County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft) (L/CF)
HOL1	1105	26		
COND	1105	20	26	
HOL2	7671	17.5		
SURF	7671	13.375 x 9.625	61 (0.3354)	2.982
SURF	7671	13.375	72	
HOL3	13484	12.25 x 9.625 w/10%	(0.4887)	2.0461
II	13484	9.625	47	
II	13484	9.625	101.4	
HOL4	15640	8.5		
PROD	15640	7 x 9.625	26 (0.1438)	6.956
PROD	15640	7	(0.2085) ³²	
T1	14547	3.5		

Amend Plug # 5
 Inside: 100' / (1.15 x 0.2085) = 18 SX
 OUT: 7" x 9 5/8" 100' / (1.15 x 0.1438) = 13 SX
 9 5/8" x 13 3/8" 100' / (1.15 x 0.3354) = 29 SX

Cement from 1105 ft. to surface
 Conductor: 20 in. @ 1105 ft.
 Hole: 26 in. @ 1105 ft.

60 SX Reg
 TOC @ SFC

Add Plug # 4 across Frontier
 x Plug @ 3450' set CICR @ 3400'
 Inside: Above 50' / (1.15 x 0.2085) = 9 SX
 Below 50' / (1.15 x 0.2085) = 9 SX
 OUTSIDE

7" x 9 5/8" 100' / (1.15 x 0.1438) = 13 SX
 9 5/8" x 13 3/8" 100' / (1.15 x 0.3354) = 29 SX

60 SX Reg
 TOC @ 3350

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	1105	0	50	1270
COND	1105	0	A	234
COND	1105	0	G	800
II	13484	EST. 11832	G	500
PROD	15640	EST. 13237	G	265
SURF	7671	0	50	3000
SURF	7671	0	A	450
SURF	7671	0	G	400

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
14863	15479			

Amend Plug # 3 @ 8125'
 Move up hole and isolate GANNT mud disposal zone
 7" Sg 2 7" x 9 5/8" / 9 5/8" x 12 1/4"
 Inside: 100' / (1.15 x 0.2085) = 18 SX

OUTSIDE
 7" x 9 5/8" 100' / (1.15 x 0.1438) = 13 SX
 9 5/8" x 12 1/4" 100' / (1.15 x 0.4887) = 43 SX

74 SX Reg
 TOC @ 8025'

Formation Information

Formation	Depth
ASPEN	7327
BRRVR	7725
GANNT	8075
PREUS	12047
TWNCR	13253
LEDCK	13761
WTCYN	13986
BNDRG	14316
RICH	14360
SLDRK	14635
GYPSP	14720
NGG-T	14852

Amend Plug # 2
 Attempt to Sg 2 7" x 9 5/8"
 Inside: 200' / (1.15 x 0.2085) = 36 SX
 Outside
 7" x 9 5/8" 200' / (1.15 x 0.1438) = 25 SX

61 SX Reg
 TOC @ 12028'

TD: 15649 TVD: 15421 PBTD: 15620

Amend Plug # 1 (move to 50' above perfs)
 Spot 100' above CICR @ 14813'

100' / (1.15 x 0.2085) = 18 SX Reg
 TOC @ 14713'



ARE W 12-04

API #: 43-043-30283

Current Status: Shut-in

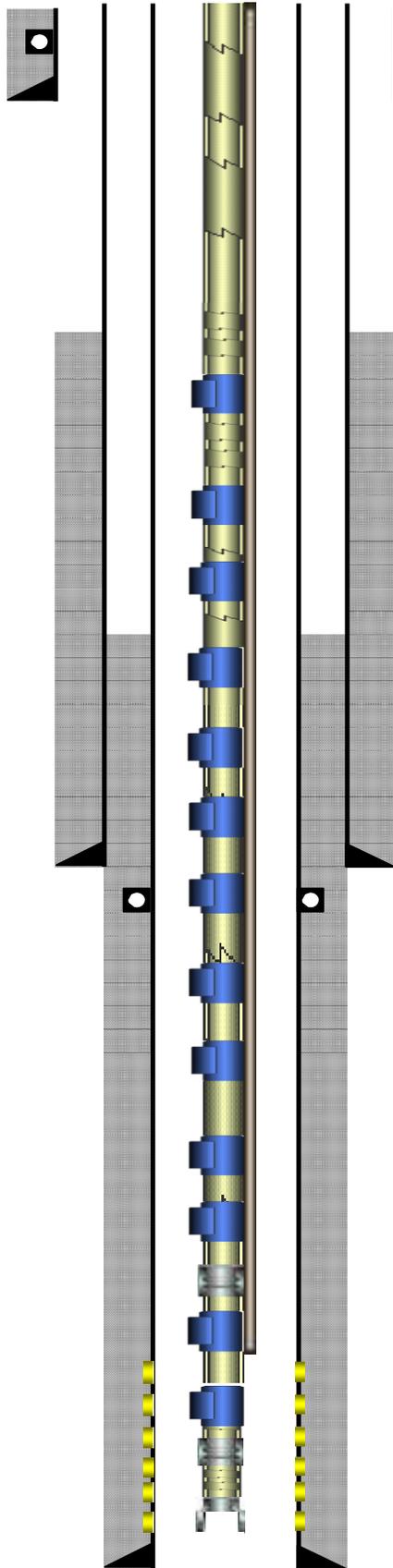
Future Plan: Plug and Abandon (PA) – Procedure Attached

Reason: This well is just up from 11-01 and is also one of the southernmost wells in the field and far down dip. Similar to 11-01 this well has operational troubles on surface due to its location behind the mountain as well as production troubles. There are several wells up dip that will capture this area of the reservoir. Well has 13 gas lift mandrels that may be cleaned up and reused.

OPERATIONAL PROCEDURE 12-04

1. Test anchors. MIRUSU.
2. ND WH and NU BOP.
3. TOOH with 3 ½" tbg & stainless injection line **split string w/224 jts 2 7/8" on bottom.
4. MIRU E-line and run GR/JB to 15,479'. POOH and PU 7" CIBP, RIH and set CIBP @ 14,763'.
5. Dump bail 35' of cement on top of CIBP.
6. PU work string, TIH to CIBP. Circulate gas/oil out of hole. SI backside and pressure test casing to 500 psi. If casing does not test P/U packer & locate casing leaks.
7. If casing tests, spot 9 ppg gel to 12,228' (WBD indicates good cement between 7" & 9 5/8")
8. Pull tubing to 12,228' spot 200' balanced cement plug.
9. POOC pump 9 ppg gel to 9,528'
10. Pull tubing to 9,528' spot 190' balanced cement plug.
11. POOC pump 9 ppg gel to 7,721' TOOH.
12. RU wireline and shoot 4 holes in the prod casing 50' below the surface shoe at 7,721'.
13. PU CICR, RIH and set 50' above perms @ 7,671'.
14. Dig out and expose 13, 3/8" surface valve and open.
15. Establish circulation up annulus through retainer.
16. After gaining circulation, pump cement sufficient for 100' annular volume (50' in and out plug) plus casing volume from retainer to perms.
17. Sting out of retainer and spot 170' cement on top of CICR.
18. POOC pump 9 ppg gel to 100'
19. TOOH, ND BOP and RDSU.
20. Dig out and cut wellhead 3' below ground level.
21. Run in with 1" poly pipe to 100' and circulate cement to surface in production casing.
22. Fill 13 3/8" w/100' cement using poly pipe.
23. Weld on dry hole plate w/ legal ID. Backfill cellar.

MERIT ENERGY COMPANY



WELL NAME:	ARE W12-04	FIELD:	ANSCHUTZ RANCH EAST
QTR QTR:	SEC: 2	TWN:	3N
COUNTY:	SUMMIT	ST:	UT
KB: 8905	GL: 8875	TD: 15649	PBDT: 15560
API: 43-043-30283			
LAST UPDATED:	06/03/14	BY:	Max Berglund

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	61-72#	K-55, N-80	7671'
INTERMEDIATE	9-5/8", 10-5/8"	47-101.4#	S-95, P-110	13484'
PRODUCTION	7"	26-32#	N-80, L-80	15640'

Has an additional 30" conductor set @ 111', not shown on WBS
 Has an additional 20" surface casing set @ 1105', not shown on WBS

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				30.00
HANGER	3 1/2" EUE			30.50
X-OVER	3 1/2" EUE PIN x 3 1/2" VAM PIN 2.75 ID 4.1 OD			32.33
253 JTS	3 1/2"	12.7#	N-80 VAM	8,073.58
X-OVER	3 1/2" VAM BOX x 2 7/8" PIN 2.347" ID 4.1" OD			8,074.85
13 JTS	2 7/8"	6.5#	N-80 EUE	8,499.28
GLV 13	2 7/8" EUE box x			8,506.60
18 JTS	2 7/8"	6.5#	N-80 EUE	9,094.34
GLV 12				9,101.69
18 JTS	2 7/8"	6.5#	N-80 EUE	9,689.56
GLV 11				9,696.89
18 JTS	2 7/8"	6.5#	N-80 EUE	10,284.77
GLV 10				10,292.10
19 JTS	2 7/8"	6.5#	N-80 EUE	10,912.39
GLV 9				10,919.72
18 JTS	2 7/8"	6.5#	N-80 EUE	11,505.92
GLV 8				11,513.24
18 JTS	2 7/8"	6.5#	N-80 EUE	12,100.91
GLV 7				12,108.22
18 JTS	2 7/8"	6.5#	N-80 EUE	12,695.97
GLV 6				12,703.29
18 JTS	2 7/8"	6.5#	N-80 EUE	13,290.20
GLV 5				13,297.55
18 JTS	2 7/8"	6.5#	N-80 EUE	13,885.37
GLV 4				13,892.70
19 JTS	2 7/8"	6.5#	N-80 EUE	14,512.00
GLV 3				14,519.52
1 JT	2 7/8"	6.5#	N-80 EUE	14,552.26
X-NIPPLE	2 7/8" EUE w/ 2.313 profile			14,553.46
14 JTS	2 7/8"	6.5#	N-80 EUE	15,010.91
GLV 2				15,018.44
12 JTS	2 7/8"	6.5#	N-80 EUE	15,410.19
GLV 1				15,417.69
1 JT	2 7/8"	6.5#	N-80 EUE	15,450.41
XN NIPPLE	2 7/8" EUE w/ 2.313 profile & 2.205 NO-GO			15,451.69
1 JT	2 7/8"	6.5#	N-80 EUE	15,484.32
RE-ENTRY	2 7/8"			15,484.74

Based on pulling report dated 12-14-2006

1/4" stainless steel injection line w/ injection mandrel starts middle of 18th JT of 2 7/8" tbg @ approx 14863'.

- 14863-14934
- 14958-15016
- 15026-15074
- 15084-15158
- 15178-15244
- 15278-15354
- 15384-15409
- 15434-15479

12-01 Well History

Pre-1996	No well activity found after initial completion and before 1996.
Mar-96	Perf 15,256'-276'
Oct-05	Pull tubing, RIH w/ scraper tag tight spot around 13,680'. Tubing stack out at 14,640' had to rotate and bail clean.
Nov-06	Pull tubing, acidize and run GLV with no packer

DV TOOL. 7" @ 13688'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W12-04
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043302830000
PHONE NUMBER: 972 628-1540 Ext		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0373 FSL 0865 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 03.0N Range: 07.0E Meridian: S		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/11/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Merit Energy Plugged and Abandon the aforementioned well on 12/11/2014 witnessed by Lisha Cordova Field Inspector with Utah Division of Oil, Gas, and Mining. Please see the attached Daily Summary for details of work done.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 22, 2014**

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/16/2014	

Magna Energy Services, LLC
17509 County Road 14
Ft. Morgan, CO 80701
(970) 867-9007
Fax (970) 867-8374

Job Log

Date: 12-10-14

Operator: Merit Energy

Well Name: ARE W12-04

Legal Location: SESE Sec: 2 Township: 3N Range:7E
API #: 43043302830000

11/21/14: MORU P&A equipment.

11/22/14: Check psi 0#, RIH W/ Magna wireline W/ 5.71 gauge ring, Tagged @ 4200' pushed threw to 8000', Retrieved Cappilary Bands in junk basket, SWIFN

11/23/14: Check psi. 0#, Pump 30 Bbls. Down 7" Csg., RIH W/ Magna wireline W/ 5.71 Gauge ring to 9500', POOH, Retrieved bands, RIH W/ gauge ring to 9418' and stacked out, POOH, more bands, Pump 20 bbls. Down 7", RIH w/ gauge ring to 14851', POOH, RIH w/ CIBP set @ 14813', POOH, R/D wireline, SWIFN

11/24/14: Check Psi 0 #', P/U 181 Jts. 2 3/8" Tbg. EOT @ 5657', SWIFN

11/25/14: Check PSI 0 #', P/U 33 Jts. 2 3/8" Tbg., 214 total EOT @ 6689', SWIFN, finish rig #23 well on the 11-1 Move Equip. off Mt., SDFN

12/1/14: Check Psi. 0#, P/U 263 Jts. 2 3/8" Tbg., (477 total), Tag CIBP @ 14,813, SWIFN

12/2/14: Check Psi. 0#, Pumped 240 Bbls. Down Tbg. up Csg. w/ Corrosion inhibitor, Broke Circ. w/ 230 Bbls., SWIFN

12/3/14: Check Psi. 0#, Role hole w/ 160 Bbls. (400 Bbls. Total), Pressure test Csg. To 500 Psi. for 15 Min. (Good), Pump 100' Plug ontop of CIBP w/ 18 sxs., L/D 85 Jts., TOO H w/104 jts., SWIFN

12/4/14: Check Psi. 0#, TOO H w/ 143 Stds., (195 total), R/U Magna wireline, Shoot holes @ 12,228', R/D WL, Pump 40 Bbls. Down 7"x 9 5/8", Pressured up to 800 Psi. w/ no Bleed off, Call for orders, RIH w/ CICR on WL, Set CICR @ 12,165', R/D WL, TIH w/ 222 Jts. 2 3/8" Tbg. EOT @ 6935', SWIFN

12/5/14: Check Psi. 0#, TIH w/ 168 Jts. Tagged CICR @ 12,228', Break Circ., Pump 166' Plug on CICR w/ 30 sxs., L/D 132 Jts., TOO H w/ 258 Jts., R/U Magna Wire line, Shoot holes @ 8125', POOH, Injection rate 1 1/2 Bbls. Min. @ 400 Psi. 7"x 9 5/8", Set CICR @ 8075' w/ wireline, R/D Wireline, SWIFN

Sundry Number: 58956 API Well Number: 43043302830000

12/6/14: Check Psi. 0#, P/U Stinger TIH w/ 261 Jts., Injection rate up 13 3/8" @ 1 bbl. Min. @ 800 Psi., Pump 51 sxs. in 13 3/8", 13 sxs. in 9 5/8" w/ 9 sxs. ontop of CICR, L/D 13 Jts., TOO H w/ 248 Jts., R/U Magna Wireline, Shoot holes 7721', POOH, Set CICR @ 7660' w/ Wireline, R/D Wireline, SWIFN

12/7/14: Check Psi. 0#, P/U Stinger, TIH w/ 246 Jts. Tbg. Break Circ., Sting in, Break Circ. Up 13 3/8"x 9 5/8", Pump 83' Plug in 13 3/8" w/ 26 sxs., 101' Plug in 9 5/8" w/ 13 sxs., 61' below CICR w/ 11 sxs., sting out of CICR w/ 170' Plug on CICR w/ 31 sxs., L/D 136 Jts., TOO H w/ 110, R/U Magna wireline, shoot holes @ 3454', Set CICR @ 3400', Shoot holes @ 100', R/D Wireline, SWIFN

12/8/14: Check Psi 0#: P/U Stinger, TIH w/ 109 Jts. Tbg., Break Circ., Sting into CICR, No Psi. on injection rate, Pump 100' Plug in 13 3/8" w/ 29 sxs., 100' Plug in 9 5/8" w/ 13 sxs., 54' below CICR w/ 9 sxs., sting out, 50' cement ontop of CICR w/ 9 sxs., L/D 109 Jts., NDBOP, NUWH, Load hole, RDWOR, SWIFN

12/9/14: Check Psi 0#: Pump 100' in 13 3/8" to surf. w/ 29 sxs., 100' in 9 5/8" to surf. w/ 13 sxs., 100' in 7" to surf. w/ 18 sxs., move equip., Merit digging out well

12/10/14: Cut Well head off 6' Below GL, Pump 10 sxs. to Surf., weld info plate on

*** All cement used is Class "G" Neat 15.8 # ***

Cementing Contractor: Magna Energy Services, LLC

Cementing Contractor Supervisor: Daniel Norton

Operator Supervisor: Mel Wren

UT DNR Representative: Lisha Cordova

Wireline Contractor: Magna Energy Services, LLC

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: 43-043-30283

Company Man: Mel Wren
Projected Days: _____
Section: 2 **Township:** 03.0N

Date: 11/21/2014
Days on Well: 1
Range: 07.0E

Hours	Per-diem
14	50
12.5	50
12.5	50
12.5	50
12.5	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00AM	8:30AM	Follow Dozer up Mountain, MOWOR			
8:30AM	11:30AM	W/O Equip., couldn't make it up Mountain			
11:30AM	1:00PM	Spot Equip.			
1:00PM	2:00PM	RUWOR			
2:00PM		Check Pressures; 5 Psi. 7", 9 5/8" Sucking, NDWH, NUBOP			
	5:30PM	(Function test BOPS), R/U Floor, Rig up Pump, SWIFN			
5:30PM	6:30PM	Crew Travel			
Comments:			Comments: Equip. Couldn't Make it up the Mountain. Had to wait on Dozer to Pull Equip. up		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____

Date: 11/21/2014
Days on Well: 2
Range: 07.0E

Section: 2 **Township:** 03.0N

Hours	Per-diem
10	50
9.5	50
9.5	50
8	50
8	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00AM	1:00PM	Check Pressures; 0 Psi. 7"x9 5/8"x 13 3/8", R/U Magna			
		Wireline, RIH W/ 5.71 Gauge Ring, Tagged @ 4900'			
		Made it to 8000', POOH, No Parafin on Junk Basket, Found			
		Banding Strap in Basket, SWIFN Due to Weather			
1:00PM	2:00PM	Crew Travel			
Comments:			Comments: Plan on Pumping 20 Bbls. Down 7" to Push Bands down Hole, Attempt W/ wire line again		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren **Date:** 11/23/2014
Projected Days: _____ **Days on Well:** 3
Section: 2 **Township:** 03.ON **Range:** 07.OE

Hours	Per-diem
13.5	50
12	50
12	50
12	50
12	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:30am	8:30am	Crew Travel Stage @ bottom of Mountain For Blade			
8:30 AM	10:00am	JSA, Check Pressures: All 0 Psi., Load Water on Water Truck, Pump 30 Bbls. Down Csg.	10:00am	1:30pm	R/U Magna wireline, RIH w/ 5.71 Gauge ring (Stacked out @ 9500', POOH,(Hand full of Capalary Bands in Junk Basket), RIH w/ 5.71 Gauge ring, Stacked out @ 9418', POOH, (More Bands),
1:30pm	5:30pm	Pump 20 Bbls. Down 7", RIH w/ Gauge Ring to 14,851', POOH, RIH W/ CIBP, SET @ 14,813', POOH, R/D Wire line SWIFN			
5:30pm	6:30pm	Crew Travel			
Comments:			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____

Date: 11/25/2014
Days on Well: 5
Range: 07.0E

Section: 2 **Township:** 03.0N

Hours	Per-diem
14	50
12.5	50
12.5	50
12.5	50
12.5	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	8:30am	JSA. Check Pressures: 0 Psi.Tbg., 0 psi. Csg., 0 Psi. Annulus			
		P/U 33 Jts. 2 3/8" N-80 4.7# 8rd. EUE Tbg. (Tallied), 214 Jts.			
		Total in hole, EOT @ 6689', SWI			
8:30AM	5:30PM	Merit wanted to finish the ARE W11-1, Cut Well head off,			
		Mix 7.5 sxs. class G cement W/ 1.15 sx/yard @ 15.8# @ 10'			
		to Surf., R/D Equip., Made 1 equip. Trip to the 19-16			
		(Roads very slick, Trucks sliding on Mt.), SDFN			
5:30PM	6:30PM	Crew Travel			
Comments: Chainup Pickups, Move the rest of rig #23 Equip. to Next Location., Continue W/ 12-04 p/u Pipe to CIBP, shut down early for Holidays (Days off, will return on night before starting work on the first)			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren **Date:** 11/26/2014
Projected Days: _____ **Days on Well:** 6
Section: 2 **Township:** 03.0N **Range:** 07.0E

Hours	Per-diem
12.5	
12	
12	
12	
12	

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30am	7:30am	Crew Travel, Chain up P/U Trucks			
7:30am	2:00pm	Road rig #23 Equip. to Base of Mt.			
2:00pm	5:30pm	Crew Travel to Vernal			
Comments: Days off, Will return Sunday night to start on the first			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren **Date:** 11/30/2014
Projected Days: _____ **Days on Well:** 6
Section: 2 **Township:** 03.0N **Range:** 07.0E

Hours	Per-diem
4.5	50
3.5	50
3.5	50
3.5	50
3.5	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
4:00pm	7:30pm	Crew Travel from Vernal to Evanston			
Comments: P/U Tbg., role hole clean, Pump 100' plug on CIBP, L/D To where we will set CICR, TOOH			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____
Section: 2 **Township:** 03.ON

Date: 12/1
~~11/30/2014~~
Days on Well: 7
Range: 07.OE

Hours	Per-diem
14.5	50
12.5	50
12.5	50
13	50
13	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	5:30pm	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg., P/U			
		263 Jts. 2 3/8" (477 Jts. Total), Tag CIBP @, 14,813', SWIFN			
5:30PM	6:30PM	Crew Travel			
Comments: Role Hole Clean, Pump cement on CIBP, TOOH			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____

Date: 12/2/2014
Days on Well: 8
Range: 07.0E

Section: 2 **Township:** 03.0N

Hours	Per-diem
15	50
12	50
12	50
12	50
12	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am		JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg.,			
		R/U Pump, Issues Catching Prime (Fixed), Pumped 20 Bbls.			
		Water down Tbg. Up Csg. W/ Corrosion Inhibitor, Pump 20 Bbls.			
		Broke Down Due to Filter Seal Blew (Fixed), Pumped 40 Bbls.,			
		Blew Seal on Liner of the Fluid End of Pump (Could not Fix,			
		Don't Have stuff to fix rig #2 Equip.), Borrow Rig #23 Pump,			
		Pumped 160 Bbls. (Had to get water from the bottom of			
		Mountain), Pumped a total of 240 bbls, Broke Circ. Up 7" Csg.			
		W/ 230 Bbls., Pressure Tested Csg. To 500 Psi. For 15 Min.			
	5:00PM	(Good), Winterized Pump, SWIFN			
5:00PM	6:00PM	Crew Travel			
Comments: Will use Deries pump for this first Plug. Working on getting Parts for my Pump. 12-3-14 Plans: Finish rolling hole Pressure test Tbg. for State, Pump Cement Plug on CIBP, L/D Tbg. to next Plug. TOOH, Get ready for wireline to Shoot Squeeze holes and CICR			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren **Date:** 12/3/2014
Projected Days: _____ **Days on Well:** 9
Section: 2 **Township:** 03.0N **Range:** 07.0E

Hours	Per-diem
13.5	50
12.5	50
12.5	50
12.5	50
12.5	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am		JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg.,			
		Role Hole W/ 160 Bbls. Water W/ Corrossion Inhibitor,			
	1:00pm	(400 Bbls. Total), Pressure test to 500 Psi. for 5 Min. (Good)			
1:00pm		Pumped 1 Bbl. Fresh, 18 sxs. Class G Cement W/ 1.15 sx/yield			
		15.8#, 1 Bbl. Fresh, Displaced W/ 55.5 Bbls.W/ Inhibitor			
	2:00pm	(100' Plug) on CIBP @ 14813'			
2:00pm	3:30pm	L/D 85 Jts. Tbg. On Trailer			
3:30pm	5:30pm	TOOH w/ 104 Jts. Tbg. EOT @ 9006', Winterize Equip., SWIFN			
5:30PM	6:30PM	Crew Travel			
Comments: Plans for 12-4-14: TOOH, R/U Magna Wireline, RIH w/ Squeeze guns and shoot holes @ 12228', set CICR @ 12178', TIH, Load Csg. Possibly Pump plug depending on rig #23			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____
Section: 2 **Township:** 03.ON

Date: 12/4/2014
Days on Well: 10
Range: 07.OE

Hours	Per-diem
14	50
13	50
13	50
13	50
13	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	7:05am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg.,			
7:05am	10:30am	TOOH W/ 143 Stds. (195 stds. Total)			
10:30am		R/U Magna wireline, JSA, RIH W/ 4 shot Squeeze Gun, Shoot			
		holes @ 12,228' in 7"x 9 5/8", POOH, Fix water Truck, Pump			
		40 Bbls. Down 7" W/ 9 5/8" Valve closed, Pressured up to			
		800 Psi. for 5 Min. (No Bleed off), Open 9 5/8" Valve (No			
	4:00PM	bleed off), call for orders, RIH W/ CICR, set @ 12,165', POOH,			
4:00pm		TIH open ended, W/ 222 Jts. 2 3/8 N-80 Tbg., EOT @ 6935',			
	6:00pm	SWIFN			
6:00PM	7:00PM	Crew Travel			
Comments: Plans for 12-5-14: TIH, Pump 30 sxs. Ontop of CICR to cover preus formation, L/D Tbg. To next CICR set, TOOH, R/U wireline, shoot holes @ 8125', set cigr @ 8075'			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____
Section: 2 **Township:** 03.ON

Date: 12/6/2014
Days on Well: 12
Range: 07.OE

Hours	Per-diem
14.5	50
13	50
13	50
13	50
13	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	7:05am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg.,			
7:05am		P/U Stinger, TIH W/ 261 Jts. 2 3/8" Tbg., Break Circ., Sting into			
		CICR, Injection rate into 13 3/8" @ 1 bbl. Min. @ 800 Psi., Pump			
		1 bbl. Fresh, 74 sxs. Cement, 1 bbl. Fresh, 24 bbls. Displ. Into			
		!3 3/8", close 13 3/8" valve, open 9 5/8", Pump 2.5 bbls.			
		displ., sting out of CICR, Pump 1 bbl. Displ. (Leaving 51 sxs. In			
	12:00PM	13 3/8", 13 sxs. In 9 5/8" W/ 9 sxs. Ontop of CICR)			
12:00PM	3:30PM	L/D 13 Jts. Tbg., TOO H W/ 248 Jts. In derrick			
3:30pm		R/U Mgna wireline, RIH W/ 4 Shot squeeze gun, shoot holes @			
		7721, POOH, RIH W/ CICR, Set @ 7660', POOH, R/D Wireline,			
	6:00PM	SWIFN			
6:00PM	7:00PM	Crew Travel			
		"ALL Cement Pumped was Class "G", W/ 1.15 sx/yard @ 15.8#"			
Comments: Plans for 12-7-14: TIH w/ Tbg., sting into CICR, Injection rate, Pump 89 sxs. Total if circ. Up all Annuli., 53 sxs. If not, L/D Tbg. To 3400', TOO H, R/U Wireline and shoot holes @ 3450', set CICR @ 3400', Shoot holes @ 100'			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____

Date: 12/7/2014
Days on Well: 13
Range: 07.0E

Section: 2 **Township:** 03.0N

Hours	Per-diem
14.5	50
13	50
13	50
13	50
13	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	7:05am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg.,			
7:05am		P/U Stinger, TIH W/ 246 Jts. 2 3/8" Tbg., Break Circ., Sting into			
	10:30am	CICR, Break Circ. Up 13 3/8 and 9 5/8", .			
10:30am		Pump 1 Bbl. Fresh, 91 sxs.			
		Cement, 1 Bbl. Fresh, 17.5 bbls. Displ., Close 13 3/8" valve,			
		(83' Plug) W/ 26 sxs., Close 13 3/8" valve,			
		Open 9 5/8" valve, Pump 5 Bbls. Displ., Close Valve,			
		(101' Plug), W/ 13 Sxs., W/(61' Plug below CICR W/ 11 Sxs., Sting			
	12:00pm	out of CICR, Pump 5 Bbls. Displ. (170' Plug ontop of CICR) W/ 31 Sxs.			
12:00pm	4:00pm	L/D 136 Jts. Tbg., TOOH W/ 110 Jts. In Derrick, load 7" Csg.,			
4:00pm		R/U Magna wireline, RIH W/ 4 Shot Squeeze gun, Shoot holes @			
		3454', POOH, RIH W/ CICR, set @ 3400', POOH, RIH W/ 4 Shot			
	6:00PM	Squeeze gun, Shoot @ 100', R/D Wireline, SWIFN			
6:00PM	7:00PM	Crew Travel			
Comments: Plans for 12-8-14: TIH W/ tbg., Break Circ., Sting into CICR, Pump 29 Sxs. In 13 3/8", 13 sxs. In 9 5/8", 9 sxs. Below CICR, 9 SXS. Ontop, L/D all Tbg. NDBOP, NUWH, RDWOR, Fill Cementer, Pump Surf. Plug			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren
Projected Days: _____
Section: 2 **Township:** 03.0N

Date: 12/8/2014
Days on Well: 14
Range: 07.0E

Hours	Per-diem
	50
	50
	50
	50
	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	7:05am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. on all Csg.,			
7:05am		P/U Stinger, TIH W/ 10 9Jts. 2 3/8" Tbg., Break Circ., Sting into			
	10:00am	CICR, Break Circ. Up 13 3/8 and 9 5/8", .			
10:00am	11:00am	Pump 1 bbl. Fresh, 60 sxs., 1 Bbl. Fresh, 6 Bbls. Displ. W/ 29			
		sxs. In 13 3/8" @ 100' Plug, Close 13 3/8" Valve, Open 9 5/8"			
		Valve, Pump 4.5 Bbl. Displ. W/ 13 sxs. In 9 5/8" @ 100' Plug,			
		W/9 sxs. @ 100' Plug to bottom of CICR, 9 SXS, Ontop of CICR@			
		50' Above			
1:00pm	2:00pm	L/D 109 Jts. 2 3/8" Tbg.			
2:00pm	5:30pm	NDBOP, NUWH, Load Hole, RDWOR, R/D Equip. for Transport			
		(short on 100' Plug W/ Cement), SWIFN			
5:30PM	6:30PM	Crew Travel			
		"All Cement Pumpoed is Type "G" W/ 1.15 sx/yard @ 15.8#"			
Comments: Plans for 12-9-14: Pump 100' to Sutf. In All Annuli W/ 60 sxs., dig out well head, cut well head off 4' from Surf., top off W/ cement, weld info plate on, move Equip. off Mountain			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren **Date:** 12/9/2014
Projected Days: _____ **Days on Well:** 15
Section: 2 **Township:** 03.0N **Range:** 07.0E

Hours	Per-diem
12.5	50
12	50
11	50
11	50
11	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	7:05am	JSA, Check Pressures; 0 Psi. on all Csg.,			
		Load Cementer,, Pump down 7" Csg. Up 13 3/8" W/ 29 sxs. 100'			
		to Surf., Pump Broke down. Fixed Pump,			
		Down 7" Csg. up 9 5/8"W/ 13 sxs., Leaving 18 sxs. in 7" 100'			
		to Surf., Road Rig to Next location, Weld info on Plate,			
		R/D Equip. Ready for Transport, Merit is Digging out Cellar			
		(A lot of cement around well head)			
		Load Welder in truck, Fix Bulker Blower, Move Some Equip.			
	4:00pm	To Late to move more equip. no Dozer Available			
4:00pm	5:00pm	Crew Travel			
		"All Cement Pumpoed is Type "G" W/ 1.15 sx/yard @ 15.8#"			
Comments: Plans for 12-10-14: Cut Well Head off, Top off W/ Cement to Surf., Weld Info Plate on, Road Equip. to the 30-02			Comments:		

District Mangers Signature: _____

Company Name: Merit Energy Company
AFE or Project #: API#: 43043302830000
Well Name: ARE W12-04
RIG #: 24
Tool Pusher: Daniel Norton
Operator: Micheal Nielson
Rig Hand: Alan Nielson
Rig Hand: Robert Garcia
Rig Hand: Jeffrey Norton
Rig Hand: _____
Rig Hand: _____

Company Man: Mel Wren **Date:** 12/10/2014
Projected Days: _____ **Days on Well:** 16
Section: 2 **Township:** 03.0N **Range:** 07.0E

Hours	Per-diem
13	50
12.5	50
12.5	50
12	50
12	50

Tool Pusher Cell: 435-790-2427
Company Man Cell: 307-679-8010



Task Times:		Job Steps "In Bid Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00AM	7:00AM	Crew Travel			
7:00am	7:05am	JSA, Check Pressures; 0 Psi. on all Csg.,			
7:05AM		Wrecking ball Cement out from well head,			
		Move Equip to the 30-02, Cut Well Head off			
		Cement behind 17.5" Csg., Drop 7"/9 5/8"/13 3/8" Did not drop			
		Due to Cement, top off Csg. W/ 10 sxs. Cement to Surf. Weld			
	6:00PM	info plate on well, SDFN			
6:00PM	7:00PM	Crew Travel			
		"All Cement Pumpoed is Type "G" W/ 1.15 sx/yard @ 15.8#"			
Comments: Plans for 12-11-14: Move Pump to Location, RUWOR on the ARE W30-02, NDWH, NUBOP, P/U Tbg. (CIBP already in well)			Comments:		

District Mangers Signature: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ARE W12-04
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	9. API NUMBER: 43043302830000
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0373 FSL 0865 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 03.0N Range: 07.0E Meridian: S	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
	COUNTY: SUMMIT
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/1/2018	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit Energy request 1 year extension for reclaiming the above referenced well. Merit plans on reclaiming the well in the 3rd quarter of 2018.

Approved by the
 September 02, 2016
 Oil, Gas and Mining

Date: _____
 By:

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/2/2016	