



Amoco Production Company

November 5, 1987

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

Proposed Well:
ARE W21-12
SE/4 NE/4 Sec. 20, T4N, R8E
Summit County, Utah

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

Our primary source will be from the ARE W21-04 water well, Permit #T62699 which is currently an approved water well.

If further information is necessary please contact Karen Gollmer of this office at (307) 783-2234.

Thank you,

R. M. Ramsey
R. M. Ramsey
Dist Admn Supv

/kg

Encl.

RECEIVED

NOV 6 1987

DIVISION OF OIL
GAS & MINING

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

Anschutz Ranch East

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

W21-12

2. Name of Operator

AMOCO PRODUCTION COMPANY

NOV 6 1987

9. Well No.

W21-12

3. Address of Operator

P. O. BOX 829, EVANSTON, WYOMING 82930

10. Field and Pool, or Wildcat

Anschutz Ranch East

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

At surface

429' FEL & 2361' FNL Sec. 20, T4N, R8E

At proposed prod. zone

(BHL) 480' FEL & 2640' FNL Section 20

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

Sec. 20, T4N, R8E

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

18.5 miles south from Evanston, Wyoming

12. County or Parrish 13. State

Summit

Utah

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

435' FEL

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

13,860'

20. Rotary or cable tools

Rotary

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

7,360' KB

22. Approx. date work will start*

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"	133#	300'	to surface
17 1/2"	13 3/8"	61#	3460'	to surface
12 1/4"-16"	9 5/8"-10 5/8"	47,53.5,101.4	10260'	TD-9500'
8 1/2"	7"	26,29,32#	13860'	TD-11100'

AMOCO PROPOSES TO DRILL THE WELL DOWN THE BASE OF ZONE 2 OR THE TOP OF ZONE 3 TO PRODUCE FROM THE OVERTURNED LIMB OF THE STRUCTURE.

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 J. Shaffer

Title Dist. Drilling Supervisor

Date 11-4-87

(This space for Federal or State office use)

Permit No.

43-043-30286

Approval Date

APPROVED BY THE STATE

OF UTAH DIVISION OF

OIL, GAS, AND MINING

Approved by

Title

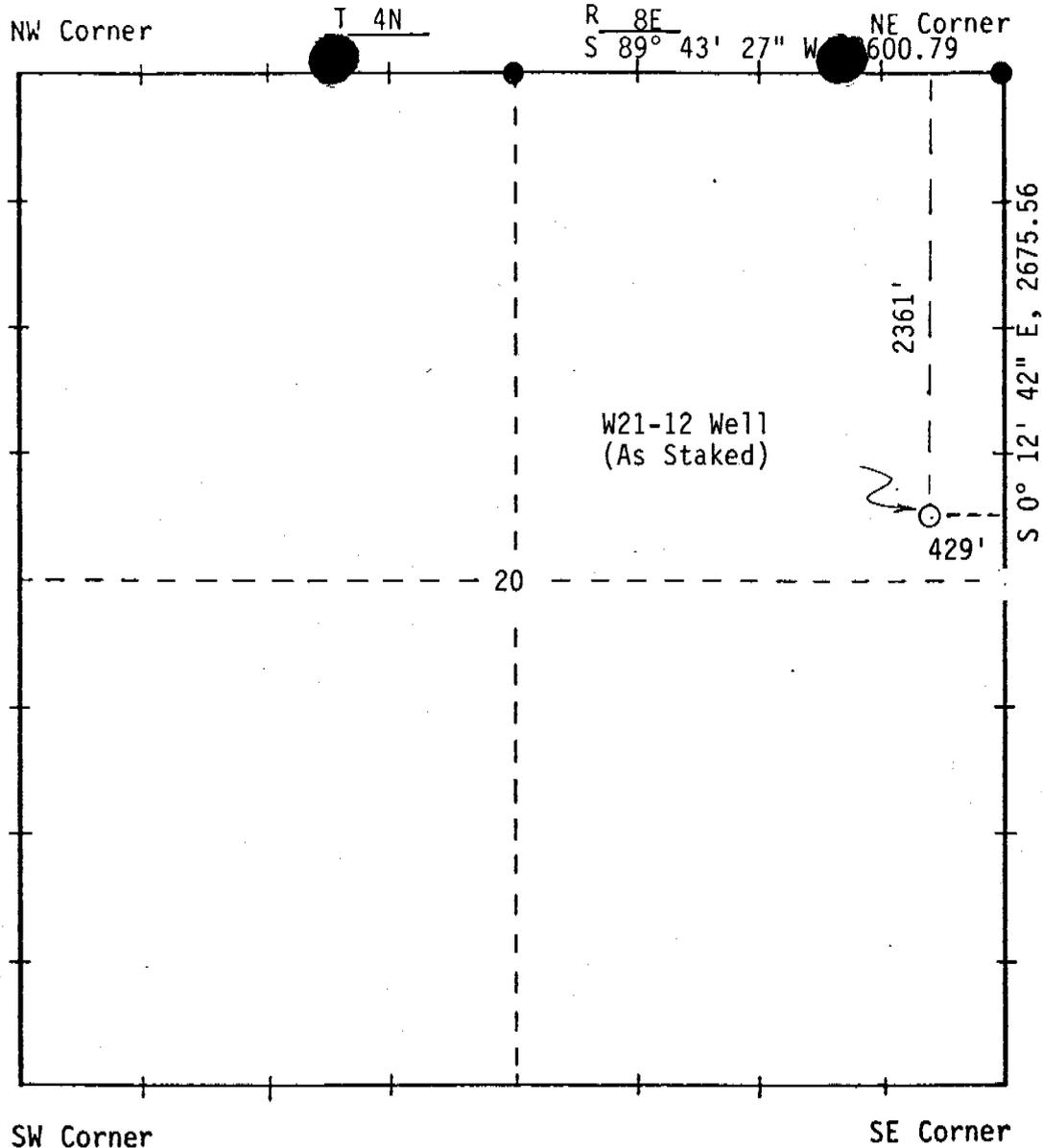
John R. Bar

Date

DATE 11-13-87

Conditions of approval, if any:

WELL SPACING: R/S-2-3

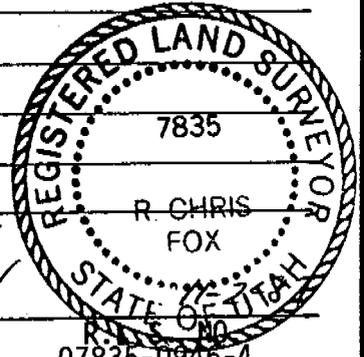


SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊙ Found Stone - Set Brass Cap
- Hub and Tack

I, R. Chris Fox 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 2nd day of November, 1987 for Location and Elevation of the W21-12 Well as shown on the above map, the wellsite is in the SE 1/4 NE 1/4 of Section 20, Township 4N, Range 8E of the S.L.B. & M., Summit County, State of Utah, Elevation is 7298 Feet Top of Pin Datum U.S.G.S. And U.S.C. & GS Monuments; NE Corner Section 20: 7231.5'

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



Book 561
 Pt. #798
 DATE: 11-2-87
 JOB NO.: 87-10-43

R. Chris Fox
 R. Chris Fox, Utah 07835-0946-4
 UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

10-Point Drilling Program
ARE W21-12

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

<u>Formation</u>	<u>Depth</u>
Frontier	2,985'
Aspen	3,410'
Bear River	3,885'
Gannet	5,560'
Preuss	9,085'
Salt	10,060'
Twin Creek	10,210'
#Nugget	11,610'
Total Depth	13,860'

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

<u>Substances</u>	<u>Depth</u>
Oil Gas, Water	11,610'

- 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"	133#	K55	BTC	300'
17 1/2"	13 3/8"	61#	K55, S80	BTC	3460'
12 1/4"-16"	9 5/8"-10 5/8" *	47, 53.5, 101.4	N80, P110	LTC, XLine	10260'
8 1/2"	7"	26, 29, 32#	N80	LTC, BTC	13860'

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.

Telecon w/ Walt Schaefer of Amoco

* *This is a special run of heavy wt. csg. - drift diameter is same as 9 5/8". There is usually 400+ ft. run through the salt section to protect against collapse. All csg. strings will be run back to surface. - JRB*

6) Mud Program:

<u>Interval</u>	<u>Type Mud</u>	<u>Wt #/gal</u>	<u>Viscosity</u> <u>WL CC/30M</u>
0 - 3460' 3640' - TD	LSND-Spud Invert	7.7#-11.5#	Sufficient to clean and stabilize hole

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:

Mud Logger 300' - TD

Logging Program:

DIL-GR	ICP-TD
FDC-CNL-GR-CAL	ICP-TD
BCS-GR-CAL	Base Cond-ICP
Digital Array Sonic SDT	ICP-TD
4-arm dipmeter	Base Cond-SFC
6-arm dipmeter	SFC-TD
Check shot velocity	To be determined
Gyro Directional	PBTD-SFC

Coring Program:

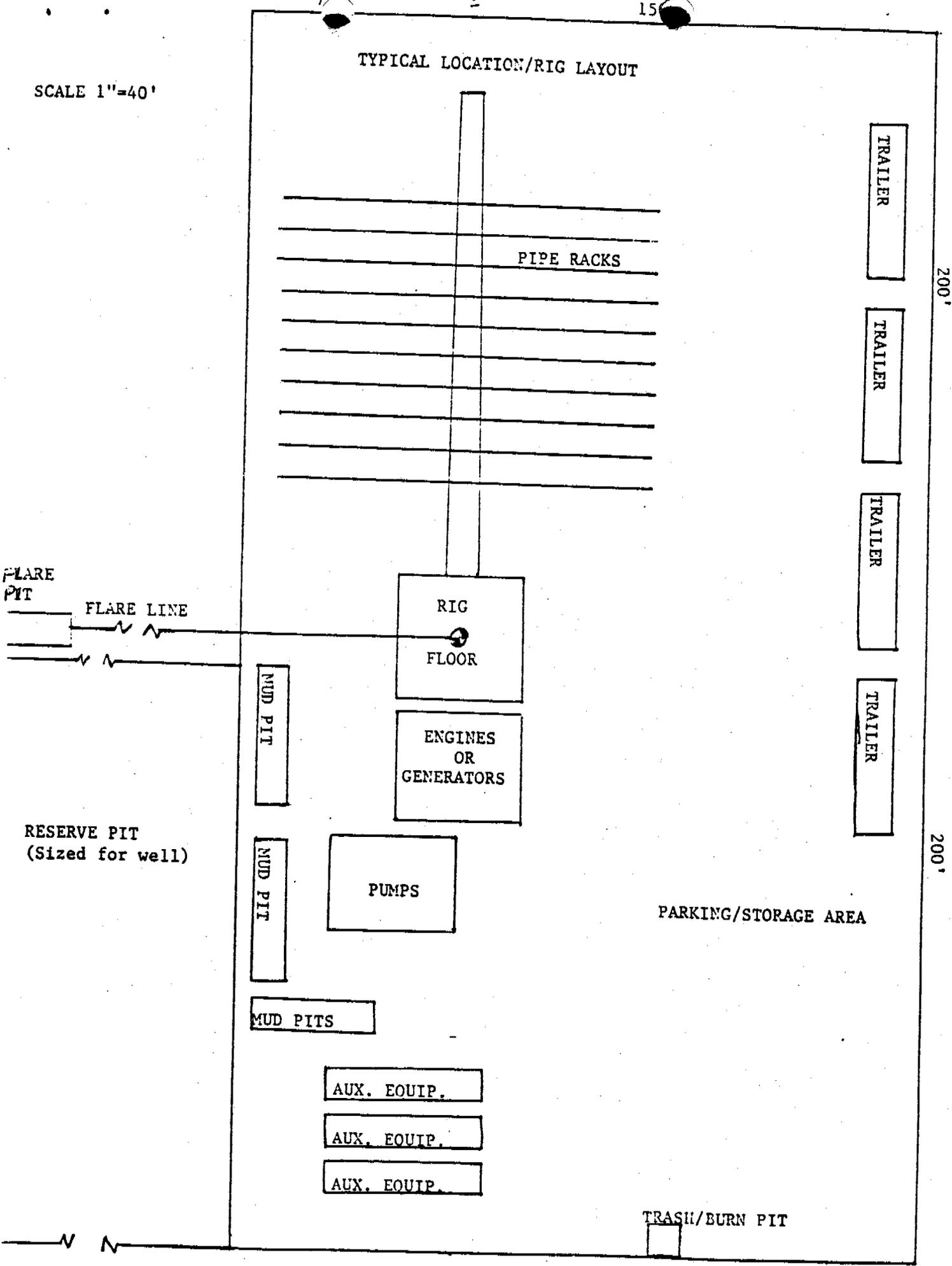
None planned

9) No abnormal pressures or temperatures are anticipated.
No H₂S.

10) Anticipated starting date will be when approved and the duration of drilling operations will be approximately 150 days.

SCALE 1"=40'

TYPICAL LOCATION/RIG LAYOUT



FLOW LINE

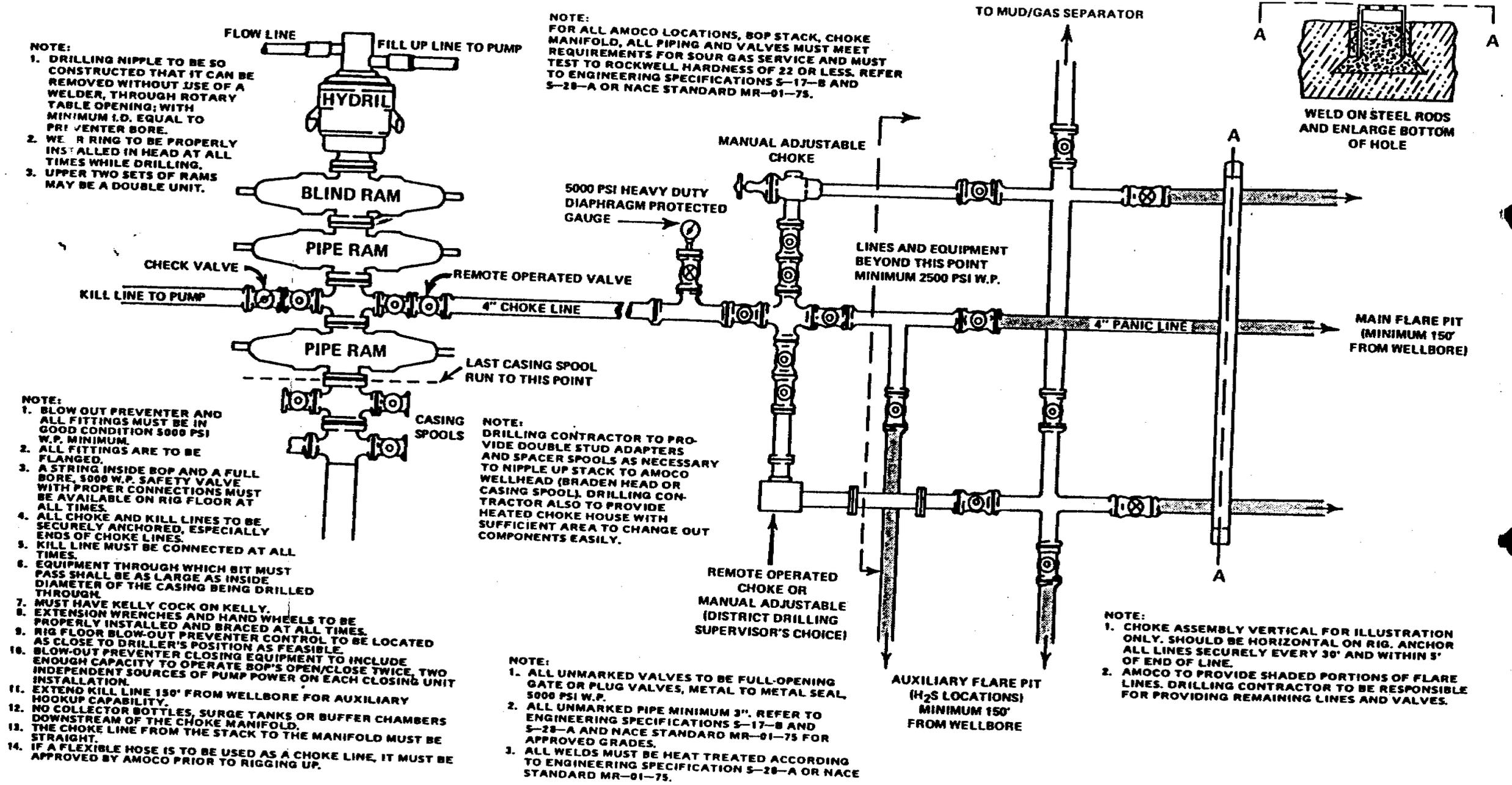
- NOTE:
1. DRILLING NIPLLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING; WITH MINIMUM I.D. EQUAL TO PRI VENTER BORE.
 2. INSTRALLED IN HEAD AT ALL TIMES WHILE DRILLING.
 3. UPPER TWO SETS OF RAMS MAY BE A DOUBLE UNIT.

CHECK VALVE

KILL LINE TO PUMP

1. BLOW OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION 5000 PSI
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 CHOKES 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 WRENCHES PROPERLY INSTALLED AND BRACED AT RIG FLOOR BLOW-OUT PREVENTER COCK AS CLOSE TO DRILLER'S POSITION AS POSSIBLE.
9. BLOW-OUT PREVENTER CLOSING EQUIPMENT MUST HAVE ENOUGH CAPACITY TO OPERATE BOP INDEPENDENT SOURCES OF PUMP POWER.
10. INSTALLATION.
11. EXTEND KILL LINE 150' FROM WELL BOP TO BOP.
12. NO COLLECTOR BOTTLES, SURGE TANKS OR OTHER EQUIPMENT DOWNSTREAM OF THE CHOKES MANIFOLD.
13. THE CHOKES LINE FROM THE STACK TO THE BOP MUST BE STRAIGHT.
14. APPROVED BY AMOCO PRIOR TO RIG.

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



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

OPERATOR: AMOCO WELL NAME: W 21-12
QTR/QTR: SENE SEC: 20 TWP: 4 NORTH RANGE: 8 EAST SURF: 2361 F N L 429 F E L
COUNTY: SUMMIT FIELD: ANCHUTZ RANCH E. UNIT BHL: 2640 F N L 480 F E L
SFC OWNER: ANCHUTZ LEASE #: FEE
SPACING: F WELLS F QTR/QTR LINE F SEC. LINE TOLERANCE
INSPECTOR: WILLIAM MOORE DATE & TIME: 11-03-87; 13:00
PARTICIPANTS: WILLIAM MOORE, DOGM; JOHN GREENER, AMOCO.

REGIONAL SETTING/TOPOGRAPHY: THRUST BELTS IN THE BEAR RIVER BASIN OF THE MIDDLE ROCKY MOUNTAINS.

LAND USE

CURRENT SURFACE USE: OPEN RANGE GRAZING

PROPOSED SURFACE DISTURBANCE: 370X205' PAD WITH 40X200X15' PIT ON SOUTH SIDE. SHORT ACCESS ROAD FROM MAIN DIRT ROAD. 15,387 CU.YD.CUT & 13,400 CU.YD.FILL. EXCESS CONSISTS OF TOPSOIL.

AFFECTED FLOODPLAINS AND/OR WETLANDS: MINOR SHOW OF WATER NEAR SURFACE ABOUT 50' SW OF SW CORNER OF CUT. REED GRASSED PRESENT. REED GRASSES ALSO PRESENT IN DRAINAGE TO NORTH.
FLORA/FAUNA: SAGE, NATIVE GRASSES, CATTLE, RABBIT, DEER, ETC.

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: DARK BROWN LOAMY SANDY SILT. WELL DEVELOPED DEEP SOIL

SURFACE FORMATION & CHARACTERISTICS: EVANSTON FM.(T₁). NO EXPOSURES NEAR BY.

EROSION/SEDIMENTATION/STABILITY: NO PROBLEM WITH STABILITY. CULVERTS AND DITCHES
WILL BE ENPLACED TO PREVENT EROSION OF ROAD AND SITE.

SUBSURFACE GEOLOGY

OBJECTIVE(S)/DEPTH(S): NUGGETT FM. (11,610), TD (13,860).

ABNORMAL PRESSURES - HIGH AND LOW: NONE ANTICIPATED.

CULTURAL RESOURCES/ARCHAEOLOGY: PRIVATE

WATER RESOURCES: E-W DRAINAGE ABOUT 50' NORTH OF PAD. STOCK PONDS 500' NW AND NE. WATER
WELL FOR INDUSTRIAL PURPOSES ABOUT 800' NE. GROUND WATER ABOUT 15'.
ONLY EXPECT TO ENCOUNTER WATER DURING DRILLING IN THE PRODUCING FORMATION (NUGGETT).

RESERVE PIT

CHARACTERISTICS: 40X200X15' ON SOUTH EDGE OF SITE IN CUT. POSSIBLE GROUND WATER PROBLEMS

LINING: NONE REQUIRED IF CLOSED MUD SYSTEM IS USED. ONLY CUTTINGS WILL GO TO PIT. MINOR
OIL ON CUTTINGS WILL DECOMPOSE IF MINIMUM 10' ABOVE GROUND WATER IS MAINTAINED.

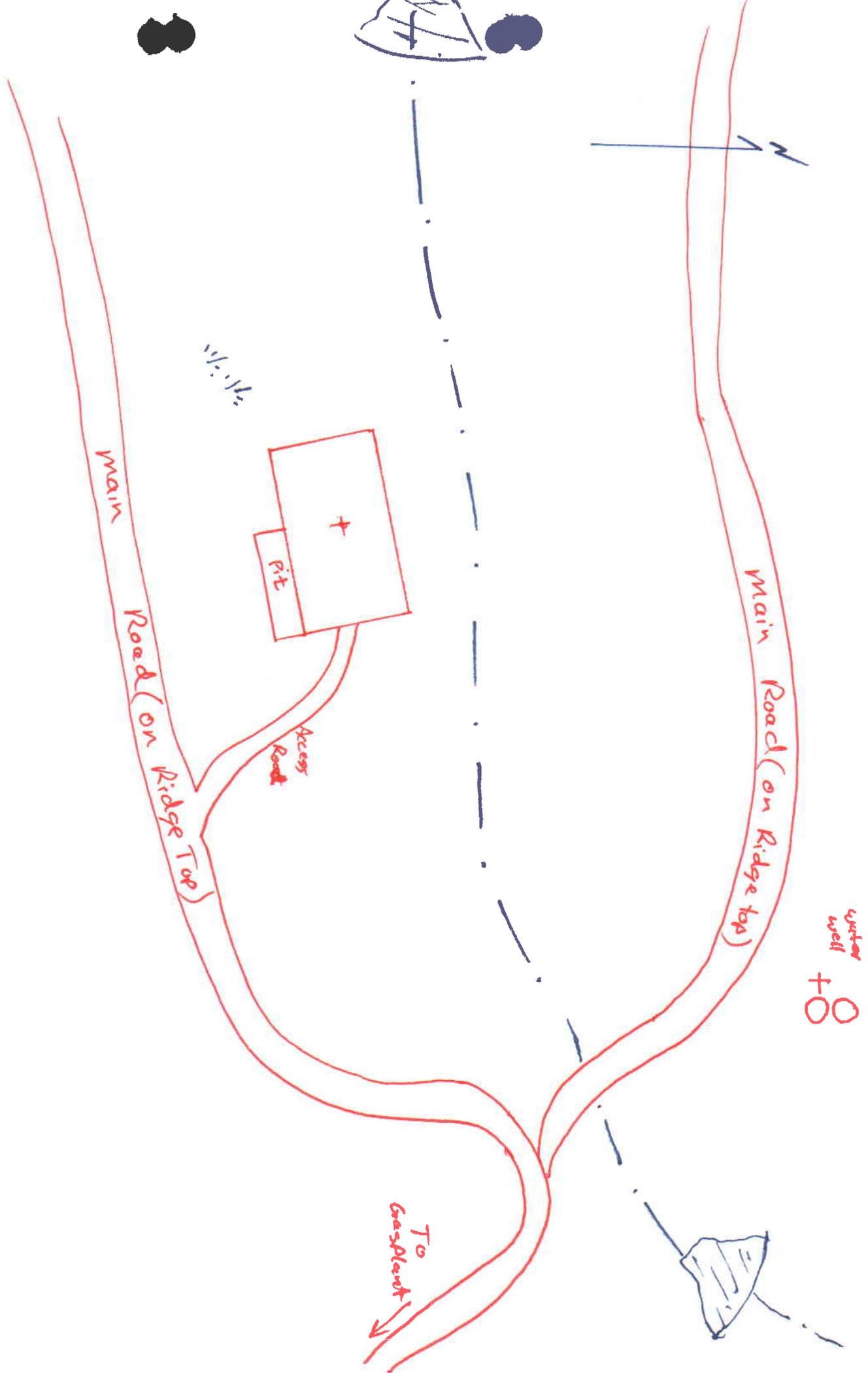
MUD PROGRAM: FRESH WATER(LSND) TO 3500'; OIL BASE MUD (INVERT)3500' TO TD.

DRILLING WATER SUPPLY: PERMIT No. WILL BE WITH APD.

OTHER OBSERVATIONS: PICTURE #1-2. MAKE SURE NO OILY OR SALTY FLUIDS WILL GO TO PIT.

STIPULATIONS FOR APD APPROVAL: LINE PIT IF GROUND WATER IS ENCOUNTERED DURING SITE
CONSTRUCTION TO PREVENT GROUND WATER FROM ENCOUNTERING OILED CUTTINGS AND CARRYING
AWAY BEFORE DECOMPOSITION CAN TAKE PLACE.

ATTACHMENTS



111604

OPERATOR Amoco Production Co. DATE 11-9-87

WELL NAME Arachutzy Ranch East W21-12

SEC ^{SENE} 20 T 4N R 8E COUNTY Summit

43-043-30286
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit Well

Water & - T62699

APPROVAL LETTER:

SPACING:

R615-2-3

Arachutzy Ranch East
UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. If ground water is encountered during pit excavation, it may be necessary to line pit to prevent contamination from oiled cuttings. The operator shall contact the Division if this is the case for determination of lining requirement.



November 12, 1987

Amoco Production Company
P. O. Box 829
Evanston, Wyoming 83930

Gentlemen:

Re: Anschutz Ranch East Unit W21-12 - SE NE Sec. 20, T. 4N, R. 8E
(Surf.) 2361' FNL, 429' FEL; (BHL) 2640' FNL, 480' FEL
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 R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. If ground water is encountered during excavation for the reserve pit, it may be necessary that the pit be lined to prevent contamination. The operator shall contact the Division for determination of the necessary lining requirements.

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

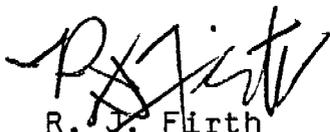
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

Page 2
Amoco Production Company
Anschutz Ranch East Unit W21-12
November 12, 1987

4. 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.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. 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) 538-6121.
7. 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 43-043-30286.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

121011

DIVISION OF OIL, GAS AND MINING

Dr.

SPUDDING INFORMATION

API #43-043-30286

NAME OF COMPANY: AMOCO PRODUCTION CO.

WELL NAME: ANSCHUTZ RANCH EAST 21-12

SECTION SE NE 20 TOWNSHIP 4N RANGE 8E COUNTY SUMMIT

DRILLING CONTRACTOR _____

RIG # _____

SPUDDED: DATE 12-3-87

TIME 12:00 Noon

HOW _____

DRILLING WILL COMMENCE _____

REPORTED BY Ike Norwood

TELEPHONE # (307) 782-2482

DATE 12-4-87

SIGNED Debra Madsen

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug in. See APPLICATION FOR PERMIT for such proposals.)

RECEIVED
DEC 7 1987

5. LEASE DESIGNATION AND SERIAL NO. Fee <u>Dr.</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>121119</u>
7. UNIT AGREEMENT NAME Anschutz Ranch East
8. FARM OR LEASE NAME W21-12
9. WELL NO. W21-12
10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 20, T4N, R8E
12. COUNTY OR PARISH Summit
13. STATE Utah

1. <input type="checkbox"/> OIL WEA <input type="checkbox"/> GAS WEA <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: 429' FEL & 2361' FNL Sec. 20 BHL 480' FEL & 2640' FNL Sec. 20
14. PERMIT NO. 43-043-30286
15. ELEVATIONS (Show whether NP, RT, CR, etc.) 7,360' KB

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) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

The above referenced well was spud on 12-03-87 at 1200 hours.
The drilling contractor is Noble #132

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Administrative Supervisor DATE 12-04-87
(This space for Federal or State office use)

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

012201

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

RECORDED
JAN 10 1988

DIVISION OF
OIL, GAS & MINING

B.O.P. Test Performed on (date) 1-12-88

Oil Company AMOCO N1390 *Dr.*

Well Name & Number A.R.F W2 1-12 (W21-12) 43-043-30286

Section 20

Township 4N

Range 8E

County SUMMIT

Drilling Contractor NOBLE 132

Oil Company Site Representative Larry Humphery

Rig Tool Pusher Murry

Tested out of Evanston Wyo.

Notified Prior to Test _____

Copies of This Test Report Sent to: Amoco Pro.

Evanston Wyo.

Utah oil Gas

Original Chart & Test Report on File at: Evanston

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

Double Jack Testing & Services Inc.

FIELD TICKET 5768

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

DATE 1-12-88

RIG NAME AND #
Noble 132

OPERATOR
Amoco Prod.

WELL NAME AND NO.
ARF W2 1-12

COUNTY
Summit

STATE
Utah

SECTION
20

TOWNSHIP
4N

RANGE
8E

EQUIPMENT TESTED

5 pipe RAMS	3000 psi	15 mins
3 pipe RAMS	3000 psi	15 mins
Blind RAMS	3000 psi	15 mins
ANNULAR B.O.P.	1500 psi	15 mins
CHOKES	3000 psi	15 mins
LINE KILL	3000 psi	15 mins
LINE KILL	3000 psi	15 mins
UPPER KELLY	3900 psi	20 mins (Lost 250psi in 20 mins)
LOWER KELLY	3000 psi	
SAFETY VALVES	3000 psi	

ADDITIONAL TESTS & COMMENTS

test success super choke to 3000 psi 15 mins OK (drill pipe pressure reading correctly on panel)
pressured up on manual choke to 2500psi for 15 mins

Inspected Kill line + choke line and manifold filled
choke line + manifold with pure methanol

note: Hydraulic lines on HCR valve are hooked
up backwards must be changed and checked.

Test witnessed by Glen with Utah oil and gas.

CLOSING UNIT PSI 2900 psi CLOSING TIME OF RAMS 5 secs HYDRIL 136ccs
CLOSED CASING HEAD VALVE yes SET WEAR RING yes

RATES

700

COMPANY

LEASE AND WELL NAME #

DATE OF TEST

RIG # AND NAME

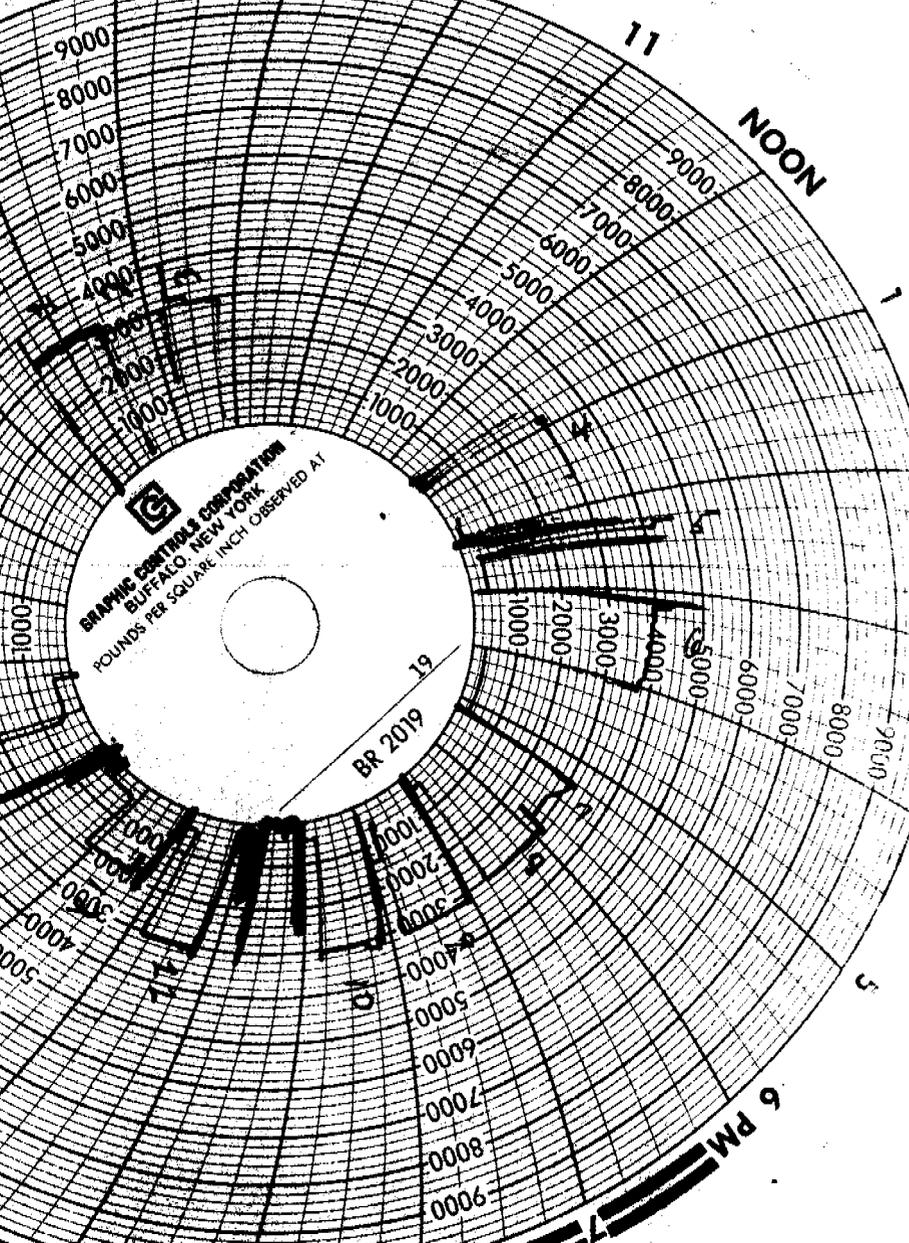
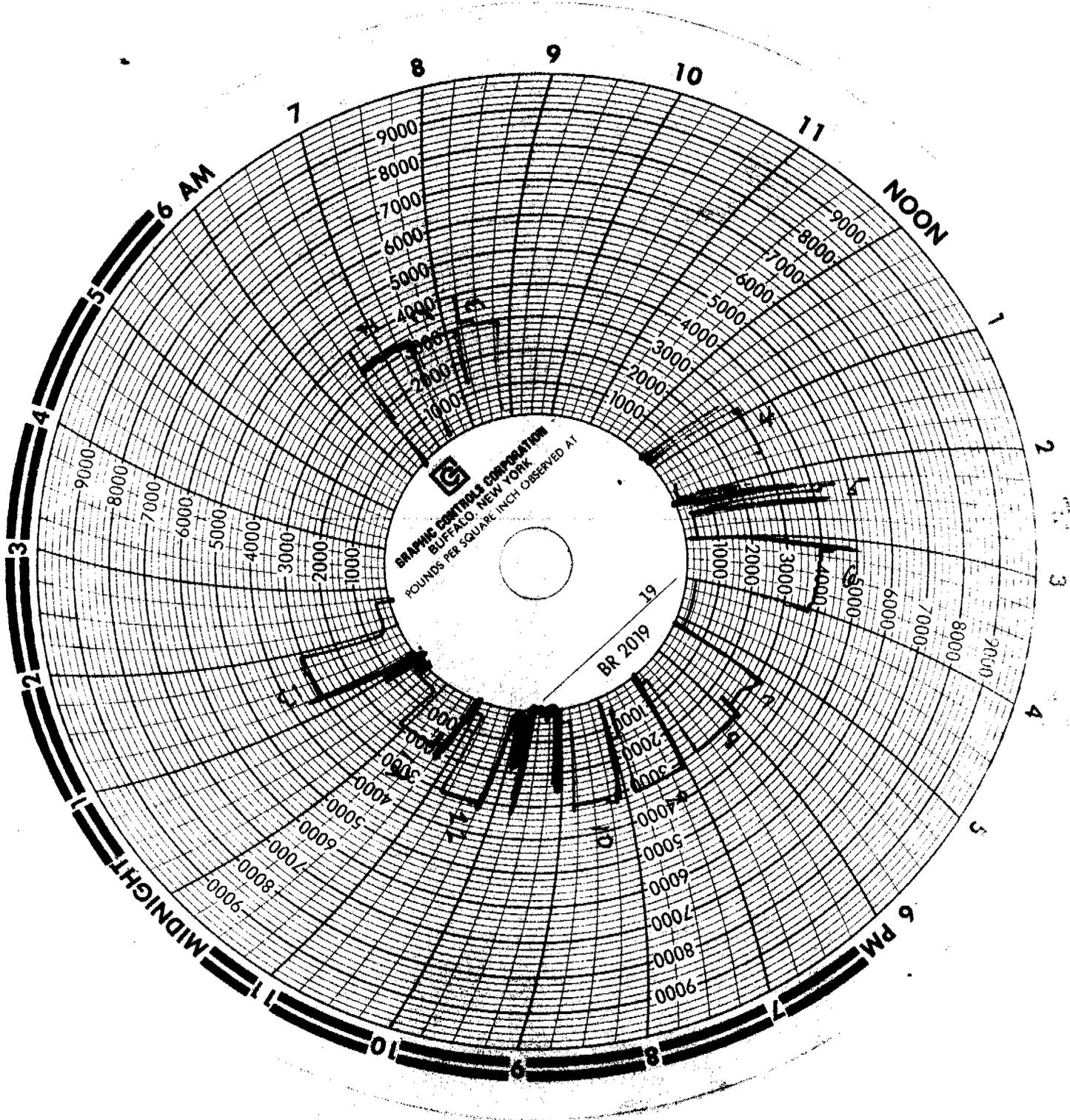
Amoco Prod

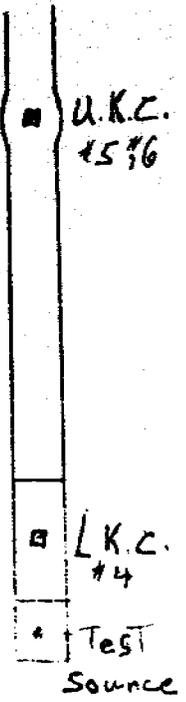
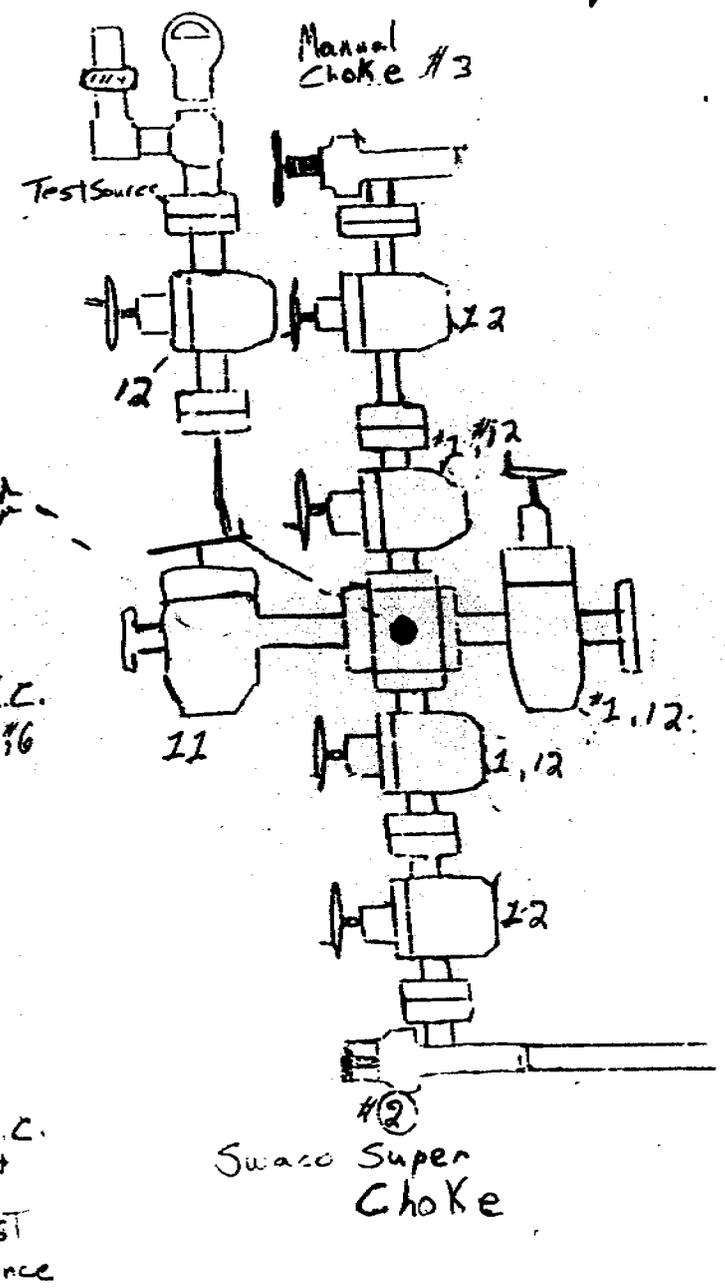
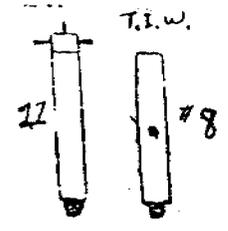
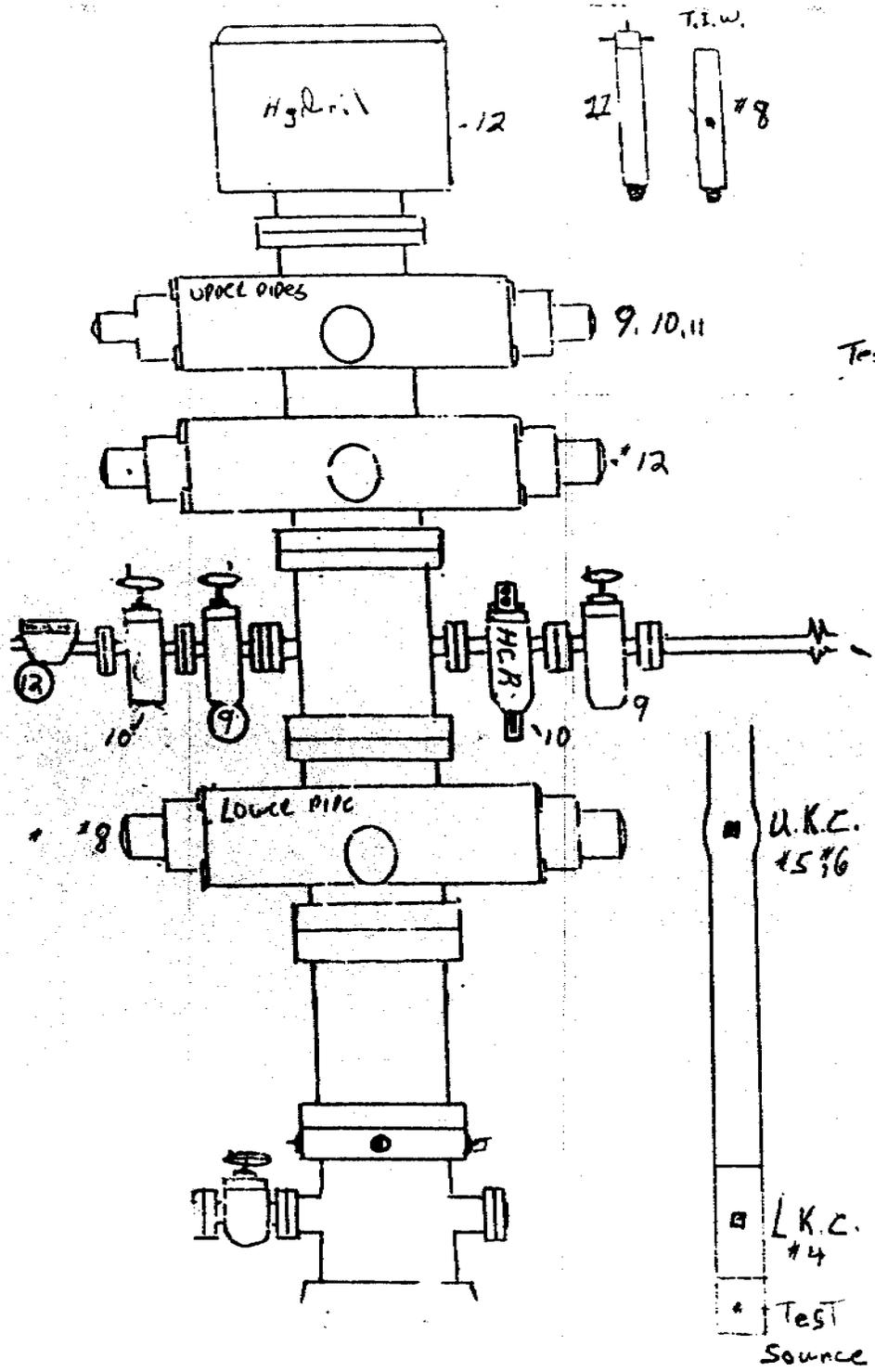
ARF W2 1-12

1-12-88

Noble #132

ST#	TIME	
	8:10	arrive on location rig to test manifold
1	8:25-8:40	test inside 3 manuals on manifold
2	8:40-8:55	test Swoco Super choke
3	8:55-9:12	pressure up on manual choke wait to get out of hole pick up Kelly
4	11:15-11:30	test Lower Kelly
5	11:32-11:50	worked upper Kelly pressured up and reworked in test
6	11:50-12:10	test upper Kelly (lost 250psi in 20 mins)
7		driller neutralized rams lost pressure
8	1:00-1:15	test lower pipe rams TIW valve
9		test upper pipe rams inside manual or kill line
9	1:20-1:35	manual or choke line TIW
10	1:40-1:55	test top pipe rams, HCH valve, second manual or kill TIW valve
11	1:15-1:30	test pipe rams, second manual or Kill, manual in front of manifold, last valves
12	1:35-1:50	test Hydril
	2:05-2:20	test Blind rams, check valve, inside manuals on manifold





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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

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

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: 429' FEL & 2361' FNL Sec. 20
BHL 480' FEL & 2640' FNL Sec. 20

5. LEASE DESIGNATION AND SERIAL NO.: Fee 020432

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME: Anschutz Ranch East

8. FARM OR LEASE NAME: W21-12

9. WELL NO.: W21-12

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

11. SEC., T., R., M., OR S.E.K. AND SURVEY OR ABBA: Sec. 20, T4N, R8E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.: 43-043-30286

15. ELEVATIONS (Show whether DF, RT, OR, etc.): 7360' KB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of operations</u> <input 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: 1-27-88

Spud: 12-03-87

Drilling Cont. Noble #132

Depth: 10,340'

Bit: 12.250"

Drilling Ahead

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

SIGNED John R. Daniels TITLE Administrative Supervisor DATE 1-27-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

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
FEB 29 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
429' FEL & 2361' FNL Sec. 20
BHL 480' FEL & 2640' FNL Sec. 20

14. PERMIT NO.
43-043-30286

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee *prt.*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
030730

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W21-12

9. WELL NO.
W21-12

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA
Sec. 20, T4N, R8E

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:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u> <input 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: 2-24-88

✓ Spud: 12-03-87

Drilling Cont. Noble #132

Depth: 13,741'

Bit: 8.500"

Drilling Ahead

Note: On 2-6-88 well was sidetracked due to directional drift. Depth at that time was 11,926' in the Nugget formation. Plugged back to 11,514' Twin Creek formation.

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

SIGNED John R. Daniels TITLE Admin. Supr. DATE 2-24-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

TEMPORARY

Form 972 MAR 20 1988

Application No. T 63125
21 - 1584

MAR 28 1988 WATER RIGHTS
SALT LAKE

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

032001

NOTE: The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- 1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses
- 2. The name of the applicant is AMOCO PRODUCTION COMPANY
- 3. The Post Office address of the applicant is P. O. BOX 829, EVANSTON, WYOMING 82930
- 4. The quantity of water to be appropriated 0.1 second-feet and/or 10 acre-feet
- 5. The water is to be used for oil/gas drilling & completion operations (Major Purpose) from 3 (Month) - 1 (Day) to 3 (Month) - 1 (Day)
- other use period _____ from _____ to _____ (Minor Purpose) (Month) (Day) (Month) (Day)
- and stored each year (if stored) from _____ to _____ (Month) (Day) (Month) (Day)
- 6. The drainage area to which the direct source of supply belongs is _____ (Leave Blank)
- 7. The direct source of supply is* underground water (Name of stream or other source)
- which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

- 8. The point of diversion from the source is in Summit County, situated at a point* S. 1603 feet, E. 401 feet, from the NW Corner of Section 21, Township 4 N, Range 8 E, SLB&M

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

- 9. The diverting and carrying works will consist of 6 inch water well approximately 900 feet deep with pump.
- 10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____ area inundated in acres _____ legal subdivision of area inundated _____
- 11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows: _____ Total _____ Acres
- 12. Is the land owned by the applicant? Yes _____ No X If "No," explain on page 2.
- 13. Is this water to be used supplementally with other water rights? Yes _____ No X If "yes," identify other water rights on page 2.
- 14. If application is for power purposes, describe type of plant, size and rated capacity. _____
- 15. If application is for mining, the water will be used in _____ Mining District at the _____ mine, where the following ores are mined _____
- 16. If application is for stockwatering purposes, number and kind of stock watered _____
- 17. If application is for domestic purposes, number of persons _____, or families _____
- 18. If application is for municipal purposes, name of municipality _____
- 19. If application is for other uses, include general description of proposed uses Drilling and Completion of oil/gas wells.

- 20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Section 17, T4N, R8E, Section 9, T4N, R8E, and no well Section 20, T4N, R8E

- 21. The use of water as set forth in this application will consume 0.1 second-feet and/or acre-feet of water and 0 second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

~~43-043-30286~~ - Dr. 43-043-30291 - Dr.

3143

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

The surface ownership for Sections 9 & 17 T4N, R8E is Bountiful Livestock Company

The surface ownership for Section 20, T4N, R8E is Anschutz Corporation

Amoco proposes to drill a well with the surface location in the S/2 of Section 17 or the N/2 of Section 20. Negotiations are in process with the landowners.

(Use page 4 if additional explanatory is needed.)

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

Walter H. Shaffer
Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

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

On the day of, 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

1205000004

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 21 - 1584

APPLICATION NO. T63125

1. March 9, 1988 Application received.
 2. March 22, 1988 Application designated for APPROVAL by RMF and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated March 25, 1988, subject to prior rights and this application will expire on March 25, 1989.


Robert L. Morgan, P.E.
State Engineer

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
429' FEL & 2361' FNL Sec. 20
BHL 480' FEL & 2640' FNL Sec. 20

14. PERMIT NO.
43-043-30286

15. ELEVATIONS (Show whether SP, RT, GR, etc.)
7360' KB

5. LEASE DESIGNATION AND SERIAL NO.
Fee Dril.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W21-12

9. WELL NO.
W21-12

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA
Sec. 20, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

APR 07 1988

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Report of operations

(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: 4-4-88

Spud: 12-03-87

Presently flow testing

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

SIGNED Walter J. Shaffer

TITLE District Drilling Supervisor

DATE 4-4-88

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

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

56 64 01

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, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2360' FNL & 430' FEL Sec. 20, T4N, R8E
At top prod. interval reported below 2561' FNL & 600' FEL Sec. 20, T4N, R8E
At total depth 2695' FNL & 281' FEL Sec. 20, T4N, R8E

14. PERMIT NO. 43-043-30286 DATE ISSUED 11-12-87

15. DATE SPUDDED 12-3-87 16. DATE T.D. REACHED 2-25-88 17. DATE COMPL. (Ready to prod.) 3-2-88 18. ELEVATIONS (DP, RES. BT. GR, ETC.)* 7295' GL 7327' KB 19. ELEV. CASINGHEAD 7292'

20. TOTAL DEPTH, MD & TVD 13950' MD/31850' TVD 21. PLUG BACK T.D., MD & TVD 13886' MD/13768' 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: 11732' MD 11664' TVD Bot: 13950' MD 13850' TVD Name: Nugget

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, Digital Array Sonic, DI, Phasor Induction, 6-arm Dipmeter, 27. WAS WELL CORED No

28. CBL, CET, Directional Survey 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

29. LINER RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), BAGS CEMENT*, SCREEN (MD)
30. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) See Attached
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION
Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Reinjecting into the reservoir for pressure maintenance

35. LIST OF ATTACHMENTS

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

27. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Nugget	11732'	13950'	Retrograde gas-condensate fluid

28. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Aspen	2945'	2945'
Bear River	3583'	3581'
Gannet	5237'	5224'
Ephriam	8447'	8400'
Preuss	9104'	9044'
Top Salt	10166'	10103'
Base Salt	10236'	10173'
Twin Creek	10265'	10202'
Leads Cr. Marker	10770'	10707'
Watton Canyon	10902'	10839'
Boundry Ridge	11240'	11175'
Rich	11283'	11218'
Slide Rock	11537'	11471'
Gypsum Springs	11646'	11579'
Nugget	11732'	11664'
Ankareh	12758'	12674'
Nugget	12938'	12851'

Attachment

31. Perforation Record

12010' -12030'
13056' -13102'
13136' -13150'
13183' -13213'
13234' -13312'
13338' -13388'
13406' -13432'
13447' -13490'
13506' -13555'
13582' -13612'
13652' -13669'
13685' -13724'
13764' -13800'
13810' -13821'

4 JSPF 22.7 gm charges



Amoco Production Company

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

N. E. Spencer
District Manager

Certified P651 033 508

May 4, 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

File: RMR-274-092.B/WF

Entity Action Form

Attached is State of Utah Division of Oil, Gas, and Mining Form 6, Entity Action Form. We have changed the operator on the Anschutz Ranch East W21-12 effective April 13, 1988.

N. E. Spencer
N. E. Spencer

HRCN/pm

Attachment

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR Amoco Rocmount
ADDRESS P. O. Box 829
Evanston, Wyoming 82930

OPERATOR CODE N1390
PHONE NO. 307, 789-1700

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				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
E	4540	Same	4304330286	Anschutz Ranch East Unit W21-12	SENE	20	4N	8E	Summit	12-3-87	4-13-88

COMMENTS:

Change Utah State records to reflect Amoco Rocmount as operator of subject well.

COMMENTS:

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 05-04-88
TITLE DATE

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

RECEIVED
MAY 16 1988

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State Regulations. See also space 17 below.) At surface SFC 2360' FNL & 430' FEL BHL 2695' FNL & 281' FEL		8. FARM OR LEASE NAME W20-09
14. PERMIT NO. 43-043-30286		9. WELL NO. W20-09
15. ELEVATIONS (Show whether DF, ST, OR, etc.) 7327' KB 7295' GL		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec. 20, 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

This Sundry is to notify the State of the name change for the above referenced well.

Old Name: W21-12

New Name: W20-09

The other information remains the same.

① TAS →
② RWM ✓
③ File ✓

18. I hereby certify that the foregoing is true and correct
SIGNED John R. Daniels TITLE Stf Admn Supervisor DATE 5-12-88

(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)

SUNDRY NOTICES AND REPORTS OF 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
JUN 24 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
2360' FNL & 430' FEL

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East Unit

8. FARM OR LEASE NAME
W20-09

9. WELL NO.
W20-09

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA
Sec. 20, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

14. PERMIT NO.
43-043-30286

15. ELEVATIONS (Show whether DS, ST, GR, etc.)
7327' KB / 7295' GL

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

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

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

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

The above well will be pulled and it's present plug back total depth will be increased from 13,789' to 13,885'. The well will then be placed back on production.

Work should commence in late June, 1988.

COPY

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

SIGNED Arthur J. Skaffner TITLE Dist Drilling Supervisor DATE 6-21-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

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

DATE: 6-28-88

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2360' FNL & 430' FEL

16. PERMIT NO.
43-043-30286

18. ELEVATIONS (Show whether DF, ST, OR, etc.)
7327' KB / 7295' GL

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East Unit

8. FARM OR LEASE NAME
W20-09

9. WELL NO.
W20-09

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
UT

18. 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.)*

The above well changed it's plug back total depth from 13,789' to 13,922'.

This work was completed on 7-2-88

RECEIVED
JUL 20 1988

DIVISION OF
OIL, GAS & MINING

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

SIGNED Walter L. Schaffer

TITLE Dist Drilling Supervisor

DATE 7-15-88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

988



SUB-SURFACE DIRECTIONAL SURVEY

AMOCO PRODUCTION COMPANY *PEW*
 COMPANY *43-043-30286*

ANSCHUTZ RANCH EAST W21-12 *(W20-09)*
 WELL NAME *4N8E Sec. 20*

SUMMIT COUNTY, UTAH
 LOCATION

<u>JOB NUMBER</u>	<u>TYPE OF SURVEY</u>	<u>DATE</u>
410-1206	SEEKER _ GYRO	20-MAR-88

SURVEY BY
DENNY COY

OFFICE
CASPER, WYOMING

AMOCO PRODUCTION COMPANY

EASTMAN CHRISTENSEN

RECORD OF SURVEY

FOR

```
* * * * *
*
* OPERATOR      : AMOCO PRODUCTION COMPANY
*
* WELL NAME     : ANSCHUTZ RANCH EAST FLD
*
* LOCATION      : UINTA COUNTY, WYOMING
*
* JOB NUMBER    :
*
* RIG           :
*
* DECLINATION    : 14.00 E
*
* * * * *
```

RD DISTRICT : ROCKY MOUNTAIN DIST.

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	R E C T A N G U L A R C O O R D I N A T E S		C L O S U R E D I S T A N C E		CORRECTED SEVERITY
								DIRECTION D M	
0.00	0 0	N 0 0 E	0.00	0.00	0.00 N	0.00 E	0.00	S 90 0 E	0.00
100.00	0 26	N 10 42 E	100.00	100.00	0.38 N	0.07 E	0.39	N 10 42 E	0.44
200.00	0 4	N 62 27 E	100.00	200.00	0.72 N	0.32 E	0.79	N 24 15 E	0.41
300.00	0 23	N 32 31 E	100.00	300.00	0.98 N	0.60 E	1.15	N 31 45 E	0.30
400.00	0 15	N 32 24 W	100.00	400.00	1.50 N	0.60 E	1.61	N 22 0 E	0.33
500.00	0 22	N 43 13 E	100.00	499.99	2.00 N	0.65 E	2.10	N 18 5 E	0.39
600.00	0 12	N 66 34 W	100.00	599.99	2.41 N	0.57 E	2.47	N 13 13 E	0.47
700.00	0 16	N 16 14 E	100.00	699.99	2.74 N	0.41 E	2.77	N 8 28 E	0.31
800.00	0 8	S 0 20 E	100.00	799.99	2.71 N	0.64 E	2.79	N 13 19 E	0.39
900.00	0 24	N 87 28 W	100.00	899.99	2.43 N	0.34 E	2.45	N 8 5 E	0.43
1000.00	0 12	S 50 15 W	100.00	999.99	2.26 N	0.14 W	2.27	N 3 30 W	0.39
1100.00	0 32	S 67 8 W	100.00	1099.99	1.93 N	0.68 W	2.05	N 19 30 W	0.30
1200.00	0 17	N 83 8 W	100.00	1199.98	1.83 N	1.38 W	2.30	N 37 4 W	0.32
1300.00	0 30	S 37 11 W	100.00	1299.98	1.58 N	1.99 W	2.54	N 51 35 W	0.44
1400.00	0 35	S 68 29 W	100.00	1399.98	1.01 N	2.74 W	2.92	N 69 46 W	0.30
1500.00	0 23	S 30 57 W	100.00	1499.97	0.47 N	3.37 W	3.40	N 82 1 W	0.31
1600.00	0 46	S 37 26 W	100.00	1599.97	0.36 S	3.94 W	3.96	S 84 44 W	0.39
1700.00	0 33	S 60 58 W	100.00	1699.96	1.11 S	4.80 W	4.93	S 76 59 W	0.35
1800.00	0 36	S 18 9 W	100.00	1799.96	1.86 S	5.43 W	5.74	S 71 3 W	0.43
1900.00	0 44	S 37 15 W	100.00	1899.95	2.90 S	5.97 W	6.64	S 64 6 W	0.26
2000.00	0 22	S 25 17 W	100.00	1999.94	3.72 S	6.47 W	7.47	S 60 4 W	0.39
2100.00	0 39	S 8 2 W	100.00	2099.94	4.57 S	6.72 W	8.13	S 55 48 W	0.31
2200.00	0 50	S 26 4 W	100.00	2199.93	5.81 S	7.10 W	9.17	S 50 44 W	0.30
2300.00	0 38	S 40 11 W	100.00	2299.92	6.88 S	7.80 W	10.40	S 48 36 W	0.27
2400.00	0 39	S 24 39 W	100.00	2399.92	7.81 S	8.39 W	11.47	S 47 4 W	0.17
2500.00	0 58	S 37 34 W	100.00	2499.91	9.02 S	9.12 W	12.83	S 45 20 W	0.37
2600.00	0 57	S 58 37 W	100.00	2599.89	10.13 S	10.36 W	14.49	S 45 39 W	0.35
2700.00	0 21	S 36 13 W	100.00	2699.89	10.89 S	11.19 W	15.62	S 45 47 W	0.64
2800.00	0 36	S 1 30 W	100.00	2799.88	11.67 S	11.46 W	16.35	S 44 29 W	0.38
2900.00	0 33	S 30 8 W	100.00	2899.88	12.64 S	11.73 W	17.25	S 42 52 W	0.29

CONTINUED ON NEXT PAGE ...

MEASURED DEPTH	DRIFT ANGLE		DRIFT DIRECTION		COURSE LENGTH	TRUE VERTICAL DEPTH	RECTANGULAR COORDINATES		CLOSE DISTANCE DIRECTION			DOGLEG SEVERITY
	D	M	D	M					D	M		
3000.00	0	18	S	12 40 W	100.00	2999.87	13.33 S	12.00 W	17.93	S 42 0 W	0.29	
3100.00	1	23	S	33 36 E	100.00	3099.86	14.73 S	11.74 W	18.84	S 38 33 W	1.21	
3200.00	2	46	S	29 54 E	100.00	3199.79	17.81 S	9.83 W	20.35	S 28 54 W	1.38	
3300.00	3	48	S	35 34 E	100.00	3299.63	22.63 S	6.74 W	23.61	S 16 35 W	1.09	
3400.00	4	48	S	38 58 E	100.00	3399.35	28.59 S	2.20 W	28.68	S 4 24 W	1.02	
3500.00	5	57	S	40 16 E	100.00	3498.91	35.80 S	3.77 E	36.00	S 6 0 E	1.16	
3600.00	7	3	S	41 9 E	100.00	3598.26	44.39 S	11.15 E	45.77	S 14 6 E	1.11	
3700.00	7	6	S	42 55 E	100.00	3697.50	53.54 S	19.40 E	56.94	S 19 55 E	0.22	
3800.00	7	16	S	44 30 E	100.00	3796.72	62.58 S	28.04 E	68.57	S 24 8 E	0.25	
3900.00	7	29	S	44 54 E	100.00	3895.89	71.70 S	37.06 E	80.71	S 27 20 E	0.22	
4000.00	7	30	S	44 57 E	100.00	3995.03	80.93 S	46.27 E	93.22	S 29 46 E	0.03	
4100.00	7	15	S	43 27 E	100.00	4094.20	90.14 S	55.23 E	105.71	S 31 30 E	0.32	
4200.00	6	30	S	42 38 E	100.00	4193.49	98.89 S	63.40 E	117.47	S 32 40 E	0.76	
4300.00	6	19	S	44 1 E	100.00	4292.86	107.02 S	71.06 E	128.46	S 33 35 E	0.24	
4400.00	6	16	S	46 15 E	100.00	4392.26	114.74 S	78.82 E	139.20	S 34 29 E	0.25	
4500.00	6	20	S	47 9 E	100.00	4491.65	122.26 S	86.80 E	149.94	S 35 22 E	0.12	
4600.00	6	30	S	50 22 E	100.00	4591.03	129.63 S	95.21 E	160.84	S 36 18 E	0.40	
4700.00	6	34	S	50 42 E	100.00	4690.38	136.87 S	104.00 E	171.90	S 37 14 E	0.07	
4800.00	6	31	S	49 19 E	100.00	4789.72	144.19 S	112.73 E	183.03	S 38 1 E	0.16	
4900.00	6	46	S	50 41 E	100.00	4889.05	151.63 S	121.60 E	194.37	S 38 44 E	0.30	
5000.00	7	11	S	52 55 E	100.00	4988.31	159.15 S	131.15 E	206.22	S 39 29 E	0.49	
5100.00	7	15	S	54 1 E	100.00	5087.52	166.63 S	141.25 E	218.44	S 40 17 E	0.16	
5200.00	7	26	S	55 17 E	100.00	5186.70	174.02 S	151.67 E	230.85	S 41 4 E	0.24	
5300.00	7	14	S	56 28 E	100.00	5285.88	181.18 S	162.24 E	243.21	S 41 51 E	0.25	
5400.00	6	50	S	56 36 E	100.00	5385.13	187.93 S	172.45 E	255.06	S 42 32 E	0.41	
5500.00	6	49	S	56 31 E	100.00	5484.41	194.46 S	182.34 E	266.58	S 43 9 E	0.01	
5600.00	6	30	S	56 1 E	100.00	5583.74	200.90 S	191.98 E	277.88	S 43 42 E	0.33	
5700.00	6	11	S	55 40 E	100.00	5683.13	207.10 S	201.11 E	288.68	S 44 10 E	0.30	
5800.00	5	56	S	56 15 E	100.00	5782.57	213.01 S	209.87 E	299.03	S 44 34 E	0.26	
5900.00	5	57	S	56 18 E	100.00	5882.03	218.79 S	218.52 E	309.22	S 44 58 E	0.02	

DECLINATION : 14.00 JOB NUMBER :

MEASURED DEPTH	DRIFT ANGLE		DRIFT DIRECTION		COURSE LENGTH	TRUE VERTICAL DEPTH	R E C T A N G U L A R C O O R D I N A T E S		C L O S U R E		DOGLEG SEVERITY	
	D	M	D	M			DISTANCE	DIRECTION	D	M		
6000.00	5	51	S	54 4	E	100.00	5981.50	224.66 S	226.96 E	319.34	S 45 18 E	0.25
6100.00	5	18	S	49 44	E	100.00	6081.02	230.65 S	234.60 E	328.99	S 45 29 E	0.29
6200.00	5	23	S	50 1	E	100.00	6180.59	236.65 S	241.72 E	338.27	S 45 36 E	0.09
6300.00	5	45	S	50 25	E	100.00	6280.12	242.85 S	249.17 E	347.94	S 45 44 E	0.37
6400.00	5	48	S	50 29	E	100.00	6379.61	249.26 S	256.93 E	357.97	S 45 52 E	0.06
6500.00	5	29	S	50 11	E	100.00	6479.13	255.54 S	264.50 E	367.78	S 45 59 E	0.33
6600.00	4	2	S	51 30	E	100.00	6578.78	260.78 S	270.94 E	376.05	S 46 6 E	1.44
6700.00	3	8	S	48 18	E	100.00	6678.58	264.81 S	275.72 E	382.29	S 46 9 E	0.93
6800.00	1	54	S	49 5	E	100.00	6778.46	267.71 S	279.02 E	386.68	S 46 11 E	1.23
6900.00	0	11	N	21 17	W	100.00	6878.46	266.94 S	280.11 E	386.94	S 46 23 E	2.07
7000.00	2	56	N	40 49	W	100.00	6978.42	264.63 S	278.72 E	384.33	S 46 29 E	2.75
7100.00	5	35	N	49 43	W	100.00	7078.13	259.41 S	273.46 E	376.93	S 46 31 E	2.72
7200.00	6	5	N	49 0	W	100.00	7177.61	252.79 S	265.74 E	366.78	S 46 26 E	0.51
7300.00	6	52	N	50 11	W	100.00	7276.97	245.48 S	257.15 E	355.51	S 46 20 E	0.80
7400.00	7	14	N	52 3	W	100.00	7376.22	237.78 S	247.60 E	343.28	S 46 10 E	0.43
7500.00	8	7	N	55 30	W	100.00	7475.32	229.89 S	236.83 E	330.05	S 45 51 E	1.00
7600.00	9	44	N	57 27	W	100.00	7574.11	221.32 S	223.90 E	314.82	S 45 20 E	1.64
7700.00	11	10	N	59 38	W	100.00	7672.45	211.85 S	208.43 E	297.19	S 44 32 E	1.49
7800.00	12	35	N	64 25	W	100.00	7770.31	202.21 S	190.26 E	277.65	S 43 15 E	1.72
7900.00	12	43	N	63 47	W	100.00	7867.88	192.65 S	170.57 E	257.31	S 41 31 E	0.19
8000.00	13	4	N	62 8	W	100.00	7965.36	182.51 S	150.70 E	236.68	S 39 33 E	0.51
8100.00	13	38	N	62 38	W	100.00	8062.66	171.80 S	130.24 E	215.59	S 37 10 E	0.57
8200.00	13	34	N	63 16	W	100.00	8159.86	161.11 S	109.31 E	194.70	S 34 9 E	0.17
8300.00	13	28	N	61 58	W	100.00	8257.09	150.37 S	88.55 E	174.50	S 30 30 E	0.32
8400.00	13	32	N	63 5	W	100.00	8354.32	139.60 S	67.85 E	155.21	S 25 55 E	0.27
8500.00	12	41	N	64 23	W	100.00	8451.71	129.56 S	47.51 E	138.00	S 20 8 E	0.89
8600.00	12	22	N	62 16	W	100.00	8549.33	119.82 S	28.12 E	123.08	S 13 12 E	0.56
8700.00	12	2	N	64 52	W	100.00	8647.07	110.42 S	9.19 E	110.80	S 4 45 E	0.65
8800.00	11	14	N	63 47	W	100.00	8745.02	101.68 S	8.98 W	102.08	S 5 3 W	0.83
8900.00	11	6	N	65 47	W	100.00	8843.13	93.43 S	26.51 W	97.12	S 15 50 W	0.41

CONTINUED ON NEXT PAGE ...

AMOCO PRODUCTION COMPANY
 ANSCHUTZ RANCH EAST FLD
 Uinta County, Wyoming

DATE PRINTED : 22-MAR-1984

OUR REF. NO. : S02911-041

DECLINATION : 14.00 JOB NUMBER

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	R E C T A N G U L A R C O O R D I N A T E S		C L O S U R E		DOGLEG SEVERITY
							DISTANCE	DIRECTION D M	
9000.00	10 34	N 67 35 W	100.00	8941.34	85.99 S	43.77 W	96.49	S 26 59 W	0.64
9100.00	7 6	N 79 52 W	100.00	9040.14	81.69 S	58.48 W	100.47	S 35 36 W	3.93
9200.00	5 5	N 84 8 W	100.00	9139.57	80.21 S	68.99 W	105.80	S 40 42 W	2.06
9300.00	5 6	N 84 31 W	100.00	9239.17	79.32 S	78.01 W	111.25	S 44 31 W	0.03
9400.00	4 54	S 89 3 W	100.00	9338.79	78.97 S	86.71 W	117.28	S 47 40 W	0.59
9500.00	4 27	S 87 53 W	100.00	9438.46	79.19 S	94.86 W	123.57	S 50 9 W	0
9600.00	4 29	S 85 57 W	100.00	9538.16	79.61 S	102.63 W	129.89	S 52 12 W	0.15
9700.00	3 54	S 82 36 W	100.00	9637.89	80.34 S	109.90 W	136.13	S 53 50 W	0.64
9800.00	4 0	S 81 35 W	100.00	9737.65	81.29 S	116.72 W	142.24	S 55 9 W	0.13
9900.00	3 2	S 68 0 W	100.00	9837.46	82.90 S	122.64 W	148.03	S 55 57 W	1.27
10000.00	3 1	S 63 26 W	100.00	9937.32	85.06 S	127.43 W	153.21	S 56 17 W	0.24
10100.00	2 18	S 51 2 W	100.00	10037.21	87.56 S	131.31 W	157.83	S 56 18 W	0.91
10200.00	2 20	S 44 18 W	100.00	10137.13	90.27 S	134.30 W	161.82	S 56 5 W	0.27
10300.00	2 16	S 54 22 W	100.00	10237.05	92.88 S	137.33 W	165.79	S 55 56 W	0.41
10400.00	3 4	S 45 20 W	100.00	10336.94	95.88 S	140.88 W	170.41	S 55 46 W	0.91
10500.00	2 35	S 58 43 W	100.00	10436.82	98.91 S	144.77 W	175.33	S 55 39 W	0.81
10600.00	1 3	S 30 34 W	100.00	10536.77	101.15 S	146.98 W	178.42	S 55 28 W	1.73
10700.00	1 20	N 84 35 W	100.00	10636.75	102.05 S	148.74 W	180.38	S 55 33 W	1.30
10800.00	2 4	N 88 5 W	100.00	10736.70	101.86 S	151.70 W	182.72	S 56 7 W	0.75
10900.00	3 55	S 85 22 W	100.00	10836.56	101.98 S	156.92 W	187.15	S 56 59 W	1.58
11000.00	3 44	S 78 52 W	100.00	10936.34	102.90 S	163.53 W	193.21	S 57 49 W	0.47
11100.00	6 1	S 66 41 W	100.00	11035.97	105.41 S	171.63 W	201.41	S 58 27 W	2.48
11200.00	6 14	S 60 0 W	100.00	11135.40	110.19 S	181.15 W	212.03	S 58 41 W	0.75
11300.00	6 22	S 34 34 W	100.00	11234.79	117.57 S	189.15 W	222.71	S 58 8 W	2.77
11400.00	5 58	S 3 51 E	100.00	11334.22	127.74 S	191.94 W	230.57	S 56 21 W	4.07
11500.00	6 3	S 23 14 E	100.00	11433.67	137.88 S	189.50 W	234.35	S 53 58 W	2.02
11600.00	5 21	S 35 42 E	100.00	11533.17	146.51 S	184.63 W	235.69	S 51 34 W	1.42
11700.00	9 2	S 65 52 E	100.00	11632.37	154.32 S	175.05 W	233.36	S 48 36 W	5.15
11800.00	8 24	S 69 22 E	100.00	11731.21	160.09 S	161.05 W	227.08	S 45 10 W	0.82
11900.00	7 12	S 74 42 E	100.00	11830.29	164.28 S	148.14 W	221.21	S 42 3 W	1.40

CONTINUED ON NEXT PAGE ...

AROCO PRODUCTION COMPANY
 ANSCHUTZ RANCH EAST FLD
 GONTA COUNTY, WYOMING

DATE PRINTED : 22-MAR-88
 OUR REF. NO. : 502913.8AM
 JOB NUMBER :

DECLINATION : 14.00

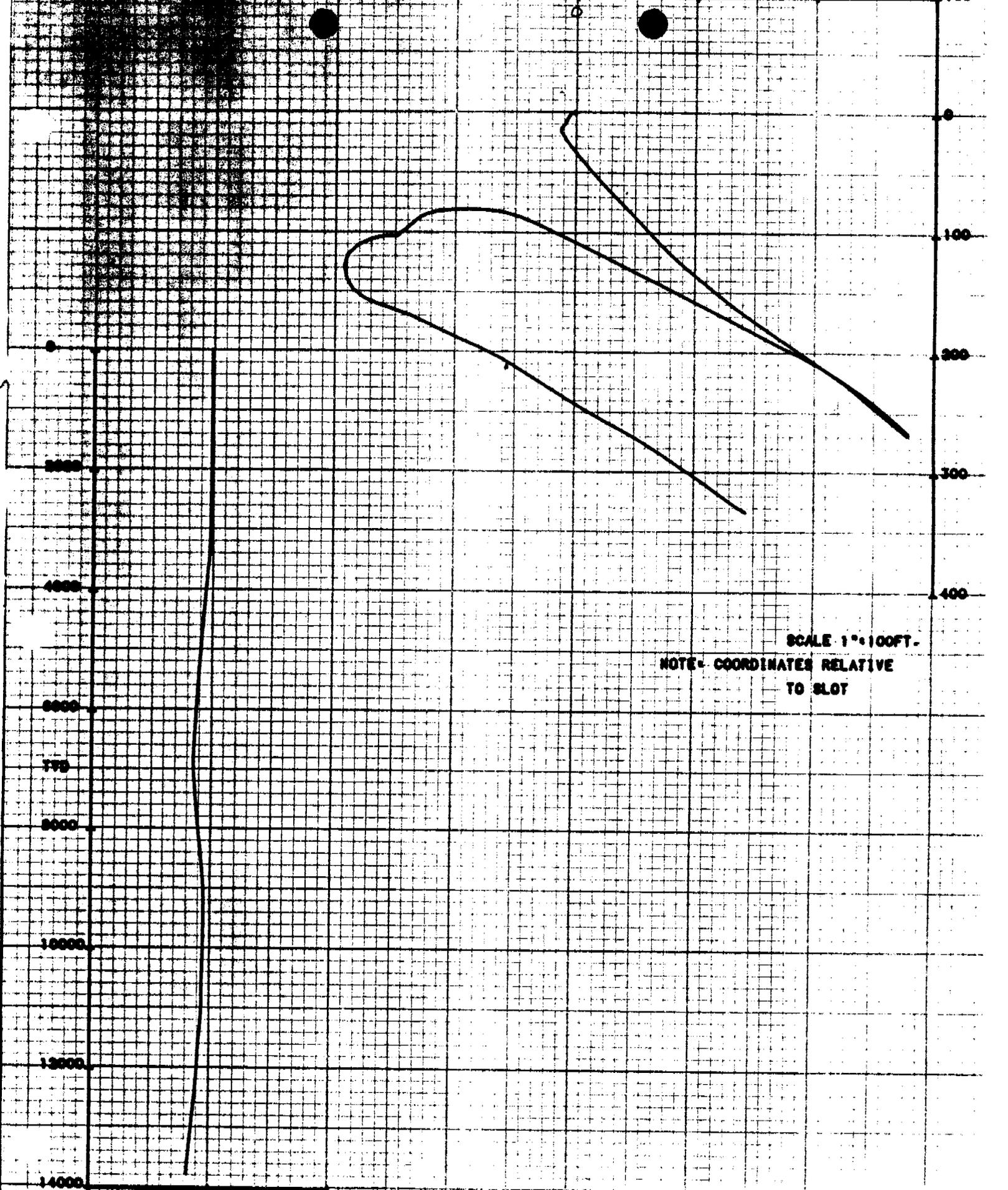
MEASURED DEPTH	DRIFT		COURSE LENGTH	TRUE VERTICAL DEPTH	R E C T A N G U L A R C O O R D I N A T E S		C L O S U R E D I S T A N C E D I R E C T I O N		DOUBLE SEVERITY
	ANGLE D M	DIRECTION D M			DISTANCE	DIRECTION D M			
12000.00	8 6	S 65 21 E	100.00	11929.39	168.82 S	135.63 W	216.56	S 38 47 W	1.54
12100.00	9 0	S 64 9 E	100.00	12028.28	175.17 S	122.18 W	213.57	S 34 54 W	0.91
12200.00	8 59	S 63 45 E	100.00	12127.05	182.03 S	108.15 W	211.73	S 30 43 W	0.06
12300.00	9 58	S 68 25 E	100.00	12225.68	188.70 S	93.09 W	210.42	S 26 16 W	1.25
12400.00	10 50	S 65 14 E	100.00	12324.04	195.81 S	76.50 W	210.22	S 21 20 W	1.03
12500.00	12 5	S 59 44 E	100.00	12422.05	204.97 S	58.89 W	213.27	S 16 2 W	1.66
12600.00	12 17	S 58 55 E	100.00	12519.79	215.74 S	40.74 W	219.55	S 10 42 W	0.26
12700.00	12 32	S 57 25 E	100.00	12617.46	227.07 S	22.49 W	228.18	S 5 39 W	0.41
12800.00	11 20	S 58 58 E	100.00	12715.29	237.97 S	4.92 W	238.02	S 1 11 W	1.24
12900.00	11 0	S 59 16 E	100.00	12813.40	247.91 S	11.70 E	248.19	S 2 42 E	0.35
13000.00	10 32	S 62 9 E	100.00	12911.64	257.05 S	27.99 E	258.57	S 6 13 E	0.71
13100.00	10 5	S 60 54 E	100.00	13010.03	265.58 S	43.72 E	269.15	S 9 21 E	0.50
13200.00	9 50	S 58 45 E	100.00	13108.52	274.27 S	58.66 E	280.47	S 12 4 E	0.45
13300.00	10 14	S 55 50 E	100.00	13207.00	283.68 S	73.31 E	293.00	S 14 29 E	0.65
13400.00	10 36	S 55 26 E	100.00	13305.35	293.68 S	88.22 E	306.84	S 16 43 E	0.37
13500.00	9 39	S 55 44 E	100.00	13403.79	303.82 S	102.72 E	320.71	S 18 41 E	0.94
13600.00	8 40	S 54 14 E	100.00	13502.51	312.95 S	115.76 E	333.68	S 20 18 E	1.01
13700.00	7 53	S 53 50 E	100.00	13601.47	321.41 S	127.42 E	345.75	S 21 37 E	0.78
13800.00	6 3	S 56 52 E	100.00	13700.72	328.31 S	137.40 E	355.91	S 22 43 E	1.87
13880.00	4 43	S 61 0 E	80.00	13780.37	332.19 S	143.83 E	361.99	S 23 25 E	1.74

CLOSURE - DISTANCE : 361.99
 DIRECTION : S 23 25 E

REPORT UNITS : Feet
 SURVEY CALCULATION METHOD : Radius of curvature

SURVEY RUN INFORMATION

=====



SCALE 1"=100FT.

NOTE- COORDINATES RELATIVE TO SLOT

2000 0 2000
 V. SECTION PLANE
 SURVEY: 802913. SAN
 NO°00°E

AMOCO PRODUCTION COMPANY
 ANSCHUTZ RANCH EAST FLD
 ULATA COUNTY, WYOMING
 WELL NO. 21-12 slot 18

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: FEE
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:
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		7. Unit Agreement Name: Anschutz Ranch East Unit
2. Name of Operator: Amoco Production Company		8. Well Name and Number: W20-09
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201		9. API Well Number: 43-043-30286
4. Location of Well Footages: 2360' FNL x 430' FEL CG, Sec., T., R., M.: Sec 20 T4N-R8E		10. Field and Pool, or Wildcat: Anschutz Ranch/Nugget
		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 _____ <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input checked="" 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 perforated additional pay in the Nugget formation using the following procedure:

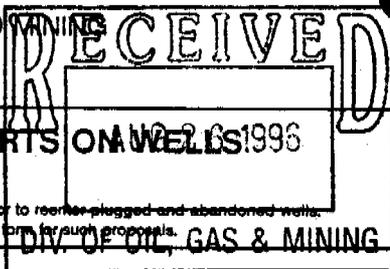
1. Perforated from 11742'-11,866', 11,875'-11,961', 11982'-12,355', 12,370'-12,395', 12415'-12,430', 12,440'-12,450', 12,530'-12,605', 12,645'-12,680', 12,731'-12,752. using 4 JSPF.
2. Ran GR logs over the perforated interval.
3. Flow back for 48 hours.
4. Return well to production @ a rate 7 MMCFD, 114 BOPD, and 132 BWPD on 1/15/96.

If you require additional information, please contact Raelene Krcil @ (303) 830-5399.

13. Name & Signature: Raelene K. Krcil Title: Regulatory Analyst Date: 2/16/96

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Anschutz Ranch East

8. Well Name and Number:
W20-09

9. API Well Number:
43-043-30286

10. Field and Pool, or Wildcat:
Nugget- ARE

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Amoco Production Company

3. Address and Telephone Number:
P.O. Box 800 Room 1735E Denver, CO 80201

4. Location of Well
Footages: 2360' FNL x 430' FEL
County: Summit
OO, Sec., T., R., M.: Sec 20 T4N-R8E
State: Utah

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

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

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

Amoco Production Company re-perforated additional zone in the Nugget formation using the following procedure:

1. Perforate the Nugget from 11,820'-11,840' & 12,010'-12,030' using 4 JSPF.
2. RTP. on 6/10/96.

If you require additional information, please contact Raelene Krcil @ (303) 830-5399

13. Name & Signature: Raelene Krcil Title: Regulatory Analyst Date: 8/22/96

(This space for State use only)

NO 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 API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W16-12 4304330231	04540	04N 08E 16	NGSD			Free		
ANSCHUTZ RANCH EAST W20-04 4304330238	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W29-06A 4304330250	04540	04N 08E 29	NGSD			"		
ANSCHUTZ RANCH EAST W29-14A 4304330251	04540	04N 08E 29	NGSD			"		
ANSCHUTZ RANCH EAST E28-12 4304330257	04540	04N 08E 28	NGSD			"		
ANSCHUTZ RANCH EAST W01-04 4304330270	04540	03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W01-12 4304330271	04540	03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W30-06 4304330273	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W11-1 4304330277	04540	03N 07E 11	NGSD			"		
ANSCHUTZ RANCH EAST W30-13 4304330279	04540	04N 07E 25	NGSD			"		
ANSCHUTZ RANCH EAST W12-04 4304330283	04540	03N 07E 2	NGSD			"		
ANSCHUTZ RANCH EAST W20-09 4304330286	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W20-03 4304330291	04540	04N 08E 20	NGSD			"		
TOTALS								

COMMENTS: _____

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

Date: _____

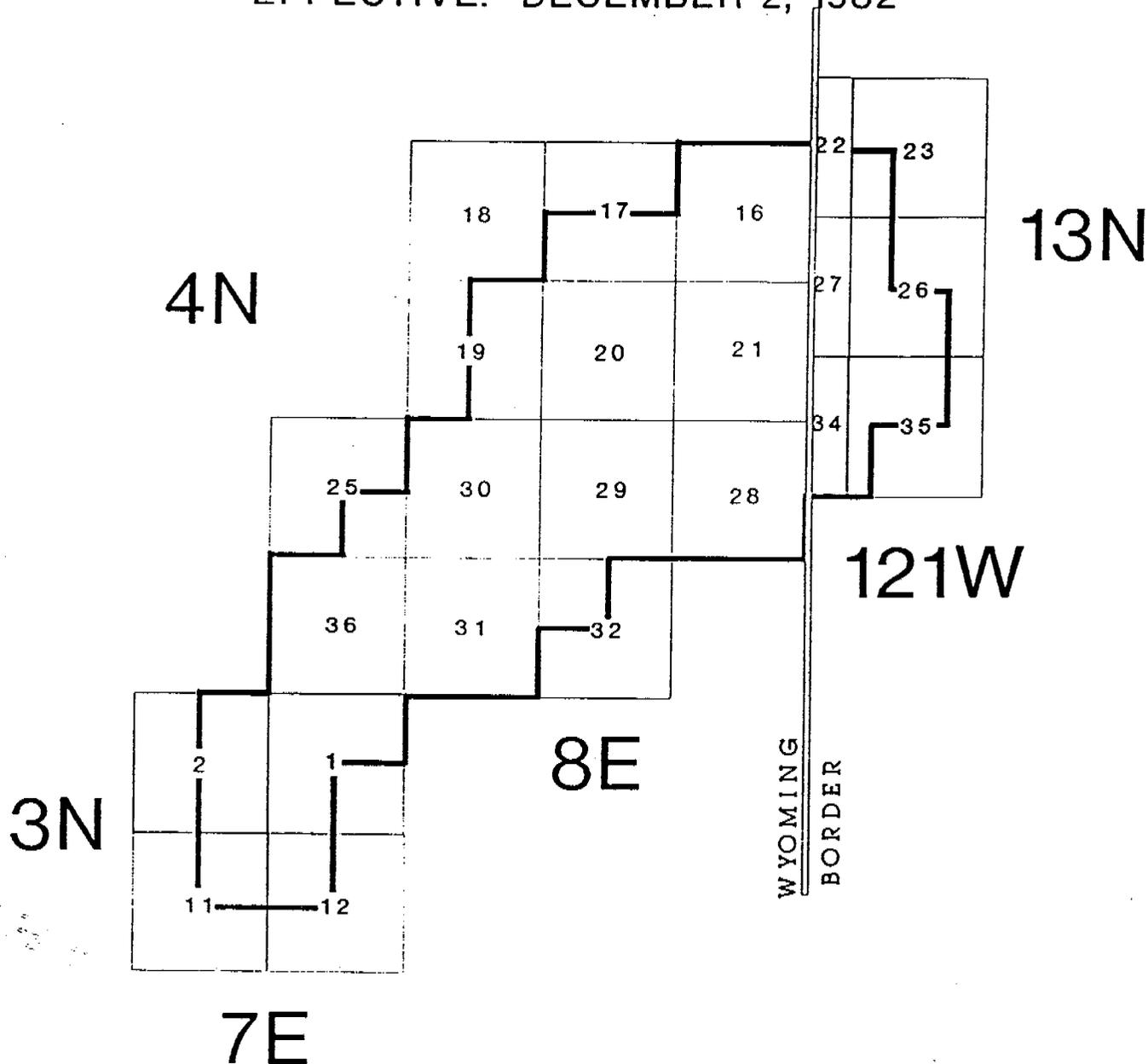
Name and Signature: _____

Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



— UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____</p>	<p>5. Lease Designation and Serial Number: _____</p>
<p>2. Name of Operator: Amoco Production Company</p>	<p>8. If Indian, Allottee or Tribe Name: Anschutz Ranch East</p>
<p>3. Address and Telephone Number: P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781</p>	<p>7. Unit Agreement Name: W20-09</p>
<p>4. Location of Well Footages: 2360' FNL, 430' FEL OO, Sec., T., R., M.: Sec 20, T4N, R8E</p>	<p>9. API Well Number: 43-043-30286</p> <p>10. Field and Pool, or Wildcat: Anschutz Ranch</p> <p>County: Summit State: Utah</p>

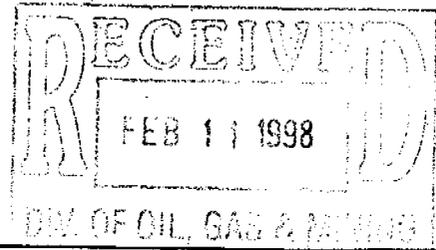
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)																										
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<input type="checkbox"/> Other _____																											

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

Amoco Production Company 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: G. G. Martinez Permit Agent Title: _____ Date: 2/5/98

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

*ANN: Lisha Cordova
801-359-3904*

4 pages

*Ed Hellock
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

J. M. Brown

J. M. Gross

D. H. Welch

ADDRESSES

501 WestLake Park Boulevard
Houston, TX 77079

501 WestLake Park Boulevard
Houston, TX 77079

200 East Randolph Drive
Chicago, IL 60601

OFFICERS

NAMES

J. M. Brown

M. R. Gile

J. N. Jagers

OFFICES

President

Vice President

Vice President

ADDRESS

501 WestLake Park Blvd.
Houston, TX 77079

1670 Broadway
Denver, CO 80202

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 
M. R. Gile, Vice President

By 
Rebecca S. McGee
Assistant Secretary

STATE OF COLORADO)
)
CITY OF DENVER) ss.

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

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

Sheryla A. White
Notary Public



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

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

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

Page 2
G. G. Martinez
Notification of Sale
February 26, 1998

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

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

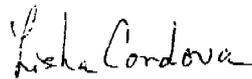
This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

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

Your assistance in this matter is appreciated.

Sincerely,

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

Lisha Cordova
Admin. Analyst, Oil & Gas

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

OPERATOR CHANGE WORKSHEET

1-REC ✓	6-FA ✓
2-GRH ✓	7-KAS ✓
3-FPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

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>43-043-30286</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

- ec 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)
- ec 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.
- ec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. (2-26-98) *QuattroPro/ulc "No Chg.", DBASE/ulc "No Chg." (See comments)
- ec 6. **Cardex** file has been updated for each well listed above. (2-26-98)
- ec 7. **Well file labels** have been updated for each well listed above. (2-26-98)
- ec 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)
- ec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 3-20-98.

FILING

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

COMMENTS

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
See Attached
8. WELL NAME and NUMBER:
See Attached
9. API NUMBER:
Attached
10. FIELD AND POOL, OR WILDCAT:
See Attached

1. TYPE OF WELL
OIL WELL GAS WELL OTHER See Attached

2. NAME OF OPERATOR:
Amoco Production Company

3. ADDRESS OF OPERATOR:
501 Westlake Park Blvd, CITY Houston STATE TX ZIP 77079
PHONE NUMBER: (281) 366-5328

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See Attached COUNTY: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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) Alan Wood TITLE Regulatory Engineer
SIGNATURE  DATE 12/11/2001

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

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

§
§
§
§

CERTIFICATE

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

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

NOW, THEREFORE, BE IT,

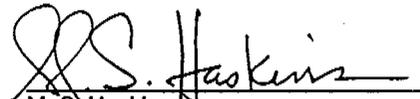
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

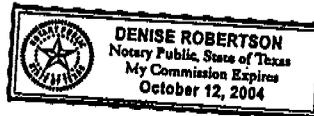
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

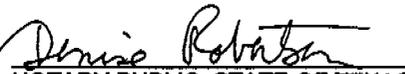



M. S. Haskins

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

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

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

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

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

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

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

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

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

DATA ENTRY:

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

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

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

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

STATE BOND VERIFICATION:

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

INDIAN BOND VERIFICATION:

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

FEDERAL BOND VERIFICATION:

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

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

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

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

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: BP America Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv CITY Houston STATE TX ZIP 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"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Frank N. Dicum Title V.P.

Signature [Signature] Date 7/1/03

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

SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

RECEIVED
JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Fl. 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	18	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
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

43 043 30286
ARE W20-09
4N 8E 20

July 6, 2010

CERTIFIED MAIL NO.: 7004 1160 0003 0190 4567

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

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

Dear Ms. White:

As of June 30, 2010, Merit Energy Company (Merit) has seven (7) Fee Lease Wells (see attachment A) that have recently been added as being in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. These are in addition to the 18 other wells in elevated levels of compliance. Many of these wells have been noticed in previous years and were put online for a short period of time and are now back in non-compliance.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

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

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2
July 6, 2010
Ms. White

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/js

cc: Compliance File
Well Files

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

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	ARE W30-10	4304330215	FEE	1.11
2	ARE W20-09	4304330286	FEE	1.4
3	ARE W20-03	4304330291	FEE	1.10
4	ARE W32-04	4304330162	FEE	1.0
5	ARE E21-14	4304330130	FEE	1.1
6	ARE W21-04	4304330135	FEE	1.10
7	ARE W20-08	4304330123	FEE	1.10



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 30286
ARE W20-09
4N 8E 2D

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:

4N 8E 20

Name: MERIT ENERGY COMPANY

Well(s) or Site(s): 1.) <u>ARE W30-10</u>	API #: <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



MERIT ENERGY COMPANY

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

October 30, 2012

RECEIVED
NOV 01 2012
DIVISION OF OIL, GAS & MINING

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

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

Dear Mr. Dworshak,

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

ARE W 31-04	API 4304330165	Sec 31-T4N-R8E	43 043 30286
ARE W 31-12	API 4304330190	Sec 31-T4N-R8E	ARE W 20-09
ARE W 16-12	API 4304330231	Sec 16-T4N-R8E	4N 8E 20
ARE W 17-16	API 4304330176	Sec 17-T4N-R8E	

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

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

Sincerely,

MERIT ENERGY COMPANY

Arlene Valliquette
North Division Regulatory Manager

Enclosure

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

PROBABLE REACTIVATIONS; POSSIBLE P&A'S

Well Name: ARE W 20-09

API: 43-043-30286
Summit County, Utah
Perfs: 11,742' – 13,821'

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

Well Name: ARE W 20-06

API: 43-043-30159
Summit County, Utah
Perfs: 13,008' – 13,860'

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

Well Name: ARE W 20-08

API: 43-043-30123
Summit County, Utah
Perfs: 11,900' – 12,647' (OA)

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

Well Name: ARE W 20-12

API: 43-043-30220
Summit County, Utah
Perfs: 12,928' – 13,117'

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

PROBABLE P&A'S

Well Name: ARE W 16-14

API: 43-043-30096

Summit County, Utah

Perfs: 12,816' – 13,515'

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

Well Name: ARE E 21-14

API: 43-043-30130

Summit County, Utah

Perfs: 10,880' – 11,650'

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

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
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	8. WELL NAME and NUMBER: ARE W20-09
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2360 FNL 0430 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 04.0N Range: 08.0E Meridian: S	9. API NUMBER: 43043302860000
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: 5/6/2013	<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 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="Reactivation"/>

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

Merit Energy Company proposes to Reactivate the ARE W20-09. Please find procedure and WBD attached.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 06, 2013

By: *D. K. King*

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/29/2013	

ARE W20-09
Sec. 20-T4N-R8E
Summit County, Utah
API #43-043-30286
4/10/2013

Reactivation and WSO

Well Data

Tubing: 3-1/2", 12.7#, P-110 VAM @ 11,591'
2-7/8", 6.5#, N-80 @ 12,201'
Casing: 7", 26, 29 & 32#, N&L-80 @ 13,948' – see csg detail on WBD
TD: 13,950'
PBTD: 13,922'
Elevation: 7,327' KB 7,295' GL

3-1/2" R-nipple @ 11,560.50'
On/off tool w/ 2.313" Profile @ 11,594.66'
ASI-X Packer set @ 11,607.99'
Sliding Sleeve @ 11,621.25'
XN-nipple @ 12,169.48'
WL re-entry @ 12,201.20'

Open Perforations:

Nugget 11,742' – 11,866', 11,875' – 11,961', 11,982' – 12,355', 12,370' – 12,395',
12,415' – 12,430', 12,440' – 12,450', 12,530' – 12,605', 12,645' – 12,680',
12,731' – 12,752', 13,056' – 13,102', 13,136' – 13,150', 13,183' – 13,213',
13,234' – 13,312', 13,338' – 13,388', 13,406' – 13,432', 13,447' – 13,490',
13,506' – 13,555', 13,582' – 13,612', 13,652' – 13,669', 13,685' – 13,724',
13,764' – 13,800', 13,810' – 13,821'

Procedure

1. Test anchors, MI & set up all necessary equipment for job
2. RIH w/ slickline to tag
3. MIRU PU, ND WH, NU BOP's, kill well w/ KCL water
4. Unset and TOOH w/ ASI-X pkr and 3.5" & 2-7/8" P-110 VAM & N-80 EUE tbg laying down on float trailer.
5. PU 5-7/8" csg bit & 6" csg scraper on 2.875" prod/work string from float and TIH to C/O to ~12,800'.
6. TOOH & LD BHA
7. RU EWL & MU & TIH w/ CICR to set @ 12,780'.
8. TIH & sting into CICR to pump 250 sx cmt into open perms below CR – overflush to top perforations

9. TOOH standing back & LD BHA
10. RU EWL & MU & TIH w/ CICR to set @ 12,500'
11. TIH & sting into CICR to pump 85 sx cmt into open perms – flush to end of retainer; sting out and pump addl fluid to clean tubulars
12. TOOH standing back and LD BHA
13. MU new BHA & TIH to consist of:
 - a. ASI-X pkr set @ 11,690' w/ pup jt tail pipe
 - b. GL valves spaced out per design
 - c. Capillary string
14. Set pkr in tension and RDMO
15. Swab well in if necessary and load backside for gas lift.
16. PBOL and monitor well.

Contacts

Foreman: Joe Sevenski (307) 783-2840
Operations Manager: Randy Sanders (307) 783-2603
Operations Engineer: Kreg Hadley (972) 628-1617

WELL NAME: ARE W20-09						
COUNTY:	SUMMIT	ST:	UT	FIELD:	Anschutz	TD: 13,950'
QTR QTR:	SE NE	SEC:	20	API #:	43-043-30286	PBTD: 13,922'
UPDATED:	01/27/09	TWN:	4N	SPUID DATE:	12/03/87	KB: 7,327'
UPDATED BY:	NICK TUNNELL	RNG:	8E	MAX TEMP:	215 °F	GL: 7,295'

CASING DETAILS						
PURPOSE	TOC	CMT	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE		2265 SX	13-3/8"	68#	N-80 & K-55	3,644'
INTERMEDIATE		320 SX	9-5/8 & 10-5/8"	47, 53.5, & 101.4	N-80, TAC-95, P-110	10,337'
PRODUCTION		365 SX	7"	26, 29, 32#	N&L-80	13,948'

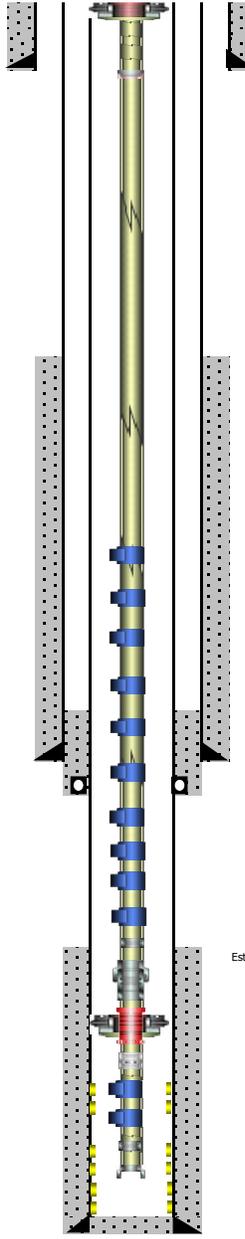
TUBING DETAILS				
DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				32.00'
ADJ, HANGER, XO				28.95'
258 JTS	3-1/2"	12.7#	P-110 VAM	7,879.75'
GLV #12				7,887.06'
24 JTS	3-1/2"	12.7#	P-110 VAM	8,551.13'
GLV #11				8,558.31'
18 JTS	3-1/2"	12.7#	P-110 VAM	9,105.26'
GLV #10				9,112.58'
16 JTS	3-1/2"	12.7#	P-110 VAM	9,600.66'
GLV #9				9,607.99'
12 JTS	3-1/2"	12.7#	P-110 VAM	9,977.84'
GLV #8				9,985.22'
10 JTS	3-1/2"	12.7#	P-110 VAM	10,286.01'
GLV #7				10,293.36'
10 JTS	3-1/2"	12.7#	P-110 VAM	10,594.55'
GLV #6				10,601.85'
10 JTS	3-1/2"	12.7#	P-110 VAM	10,900.29'
GLV #5				10,907.61'
9 JTS	3-1/2"	12.7#	P-110 VAM	11,176.66'
GLV #4				11,183.77'
10 JTS	3-1/2"	12.7#	P-110 VAM	11,491.75'
GLV #3				11,499.02'
2 JTS	3-1/2"	12.7#	P-110 VAM	11,559.38'
R-NIPPLE				11,560.50'
1 JT	3-1/2"	12.7#	P-110 VAM	11,591.20'
XO (2)				11,593.22'
ON/OFF TOOL	2.313" PROFILE			11,594.66'
PUP JT	2-7/8"	6.5#	N-80 EUE	11,600.70'
ASL-X PACKER				11,607.99'
PUP JT	2-7/8"	6.5#	N-80 EUE	11,618.12'
SLIDING SLEEVE	2-7/8"	6.5#	N-80 EUE	11,621.25'
3 JTS	2-7/8"	6.5#	N-80 EUE	11,713.13'
GLV #2				11,720.33'
9 JTS	2-7/8"	6.5#	N-80 EUE	12,007.83'
GLV #1				12,015.15'
5 JTS	2-7/8"	6.5#	N-80 EUE	12,168.36'
XN-NIPPLE				12,169.48'
1 JT	2-7/8"	6.5#	N-80 EUE	12,200.45'
W/L RE-ENTRY	2-7/8"			12,201.20'

Based on pull-run dated 11/9/2004

PERFORATIONS					
DATE	TOP	BOTTOM	GROSS	HOLES	SPP
1/11/1996	11,742'	11,820'	78'	234	3
6/10/1996	11,820'	11,840'	20'	80	4
1/11/1996	11,840'	11,866'	26'	104	4
1/11/1996	11,875'	11,961'	86'	344	4
1/11/1996	11,982'	12,010'	28'	112	4
6/10/1996	12,010'	12,030'	20'	80	4
1/11/1996	12,030'	12,355'	325'	1300	4
1/11/1996	12,370'	12,395'	25'	100	4
1/11/1996	12,415'	12,430'	15'	60	4
1/11/1996	12,440'	12,450'	10'	40	4
1/11/1996	12,530'	12,605'	75'	300	4
1/11/1996	12,645'	12,680'	35'	140	4
1/11/1996	12,731'	12,752'	21'	84	4
4/10/1988	13,056'	13,102'	46'	184	4
4/10/1988	13,136'	13,150'	14'	56	4
4/10/1988	13,183'	13,213'	30'	120	4
4/10/1988	13,234'	13,312'	78'	312	4
4/10/1988	13,338'	13,388'	50'	200	4
4/10/1988	13,406'	13,432'	26'	104	4
4/10/1988	13,447'	13,490'	43'	172	4
4/10/1988	13,506'	13,555'	49'	196	4
4/10/1988	13,582'	13,612'	30'	120	4
4/10/1988	13,652'	13,669'	17'	68	4
4/10/1988	13,685'	13,724'	39'	156	4
3/31/1988	13,764'	13,800'	36'	144	4
3/31/1988	13,810'	13,821'	11'	44	4

FORMATION TOPS	
ASPEN	2,945'
BEAR RIVER	3,583'
GANNET	5,237'
EPHRAIM	8,447'
PREUSS	9,104'
TOP SALT	10,166'
BASE SALT	10,236'
TWIN CREEK	10,265'
LEADS CREEK	10,770'
WATTON CANYON	10,902'
BOUNDARY RIDGE	11,240'
RICH	11,283'
SLIDE ROCK	11,537'
GYPSPUM SPRINGS	11,646'
NUGGET	11,732'
ANKAREH	12,758'

NOTES: POSSIBLE SCALE IN TUBING, UNABLE TO REACH PBTD IN 08/2005



DV TOOL 7" @ 10,792'

7" Production Casing @13,948'
 72' 32# N-80 BT&C
 1298' 29# N-80 BT&C
 2582' 26# N-80 BT&C
 5843' 26# L-80 BT&C
 4153' 32# N-80 LT&C
 Cement w/ 200 sx Class "A" & 165 sx Class "H"

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		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 W20-09
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext	9. API NUMBER: 43043302860000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2360 FNL 0430 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 04.0N Range: 08.0E Meridian: S		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/2/2014	<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 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 checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Merit Energy Company plans to re-perforate the ARE W20-09. Attached you will find a WBD & Procedure detailing the process. CC:BLM

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

Date: March 27, 2014

By: 

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/27/2014	

ARE W20-09
Sec. 20-T4N-R8E
Summit County, Utah
API #43-043-30286
1/28/2009

Pull Tubing & Run Reverse Gas Lift

Well Data

Tubing: 2-7/8", 6.5#, N-80 @ 11,702
Casing: 7", 26, 29 & 32#, N&L-80 @ 13,948'
TD: 13,950'
PBSD: 12, 104
Elevation: 7,327' KB 7,295' GL

Open Perforations:

Nugget 11,742' – 11,866', 11,875' – 11,961', 11,982' – 12,335', 12,370' – 12,395',
12,415' – 12,430', 12,440' – 12,450', 12,530' – 12,605', 12,645' – 12,680',
12,731' – 12,752', 13,056' – 13,102', 13,136' – 13,150', 13,183' – 13,213',
13,234' – 13,312', 13,338' – 13,388', 13,406' – 13,432', 13,447' – 13,490',
13,506' – 13,555', 13,582' – 13,612', 13,652' – 13,669', 13,685' – 13,724',
13,764' – 13,800', 13,810' – 13,821'

Procedure

1. MIRU PU. ND WH. NU BOP. Release Weatherford 10k HD packer. TOH standing back 2-7/8" production tubing.
2. PU drilling BHA: 6" tooth bit, bit sub, 4" DC's, hydrostatic bailer, drain sub on 2-7/8" tubing.
3. TIH to cement at +/- 12,104'
4. MU power swivel and begin drilling, pumping 4% KCl down casing
5. Drill to +/- 12,300'
6. TOOH and LD drilling BHA
7. PU 6" rock bit, bit sub and casing scraper. TIH to PBSD at +/- 12,300'
8. MIRU Black Warrior wireline for perforating.
9. RIH with first set of gun and CCL. Tie in to collars on Cement Evaluation Log dated 3/20/1988.
10. Perforate as follows with 26 gram charges, phased 90 degrees
 - I. 12,246-270' (4 jspf)
 - II. 12,210-230' (2 jspf)
 - III. 12,158-190' (4 jspf)
 - IV. 12,086-140' (2 jspf)
 - V. 12,008-038' (2 jspf)
 - VI. 11,898-908' (2 jspf)
 - VII. 11,820-837' (4 jspf)

- VIII. 11,778-800' (4 jspf)
- IX. 11,756-772' (2 jspf)
- X. 11,734-750' (4 jspf)

11. RDMO wireline

12. PU Weatherford HD packer and 2-7/8" tubing string as follows:

13. ND BOP. NU WH. Kick the well up with gas lift. RDMO PU.



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2014

Certified Mail #7003 2260 0003 2358 6960

43 043 30286
20 AN 8E

Arlene Valliquette
North Division Regulatory Manager
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, Texas 75240

Subject: Oil and Gas General Conservation Rule R649-3-36 - Shut-in and Temporarily Abandoned Wells

Dear Ms. Valliquette:

The Division of Oil, Gas and Mining (Division) met with Merit Energy Company (Merit), at our offices, on April 26, 2012 to discuss long term plans for Merits' shut-in wells at Anschutz Ranch Field. The Division expressed its concerns regarding the number of shut-in wells Merit operated and the length of time wells have been shut-in. The Division discussed the importance to timely plugging shut-in wells that have no future value and submit extension sundries for shut-in wells that will not be immediately plugged or returned to production. Merit representatives at the meeting indicated they understood the Divisions' concerns. However, Merit required additional time for their engineer, newly assigned to this area, to review the shut-in well list to determine which wells should be returned to production and which wells should be plugged. Merit also needed to present the well review to management for budget approval.

Merit submitted, to the Division, a written 2013 Plugging and/or Reactivation Well Plan dated October 30, 2012. The plan stated Merit was in the process of applying for approval to convert the Champlin 372 Amoco C 1 well to a water disposal well. The plan committed to the plugging of the ARE W31-04E, ARE W31-12, ARE W16-12 and ARE W17-16 wells by the end of the 2012 calendar year. Merit also proposed probable reactivations of the ARE W20-09, ARE W20-06, ARE W20-08 and ARE W20-12 wells and probable plugging and abandonment of the ARE W16-14 and ARE E 21-14 wells. The results are listed below.

Champlin 372 Amoco C 1	Water Disposal Well application never submitted
ARE W31-04E	Plugged 1/9/2013
ARE W31-12	Plugged 1/21/2013
ARE W16-12	Plugged 12/3/2012
ARE W17-16	Plugged 11/16/2012
→ ARE W20-09	Reactivated April 2013
ARE W20-06	Never Reactivated
ARE W20-08	Never Reactivated
ARE W20-12	Never Reactivated
ARE W16-14	Plugged May 2014
ARE E21-14	Plugged April 2014



Ryan Huddleston from your office has indicated in recent conversations with Dustin Doucet that Merit is preparing to reactivate/plug 6-8 more shut-in wells. To date Merit has not submitted a written plan for Division approval.

Merit currently operates twenty-five (25) shut-in wells at Anschutz Ranch Field; see Compliance Attachment. Eleven (11) of the twenty-five total shut-in wells were added between January 2012 and January 2014. The Division has sent Merit several Shut-in and Temporary Abandonment Notices describing Rule 649-3-36 Shut-in and Temporarily Abandoned Well requirements. The Division denied shut-in extension requests for seven (7) wells due to insufficient information. The Division also issued Notices of Violation for ten (10) of the shut-in wells. Merit has not submitted shut-in extensions sundries for the eleven wells added between January 2012 and January 2014, or submitted additional required information for the seven denied shut-in extensions, or resolved the Notices of Violation.

The operator is responsible to file, yearly, for extended shut-in or temporary abandonment for wells shut-in or temporarily abandoned for a period of twelve (12) consecutive months. Merit must file a Sundry Notice providing the following information for each of the twenty-five wells listed on the Compliance Attachment; reasons for shut-in or temporarily abandonment of the well, length of time the well is expected to be shut-in or temporarily abandoned and an explanation and supporting data showing the well has integrity (R649-3-36.1). After review the Division will either approve the continued shut-in or temporarily abandoned status or require remedial action (R649-3-36.2). After five (5) years of non-activity or non-productivity, the well shall be plugged in accordance with R649-3-24, unless approval for extended shut-in time is given by the Division upon a showing of good cause by the operator (R649-3-36.3). Please note, thirteen (13) of the twenty-five wells listed on the Compliance Attachment have been shut-in over five (5) years.

Merit has until June 30, 2014 to submit sundries, for the subject wells, in accordance with Oil and Gas Conservation General Rule 649-3-36 Shut-in and Temporarily Abandoned Wells.

Should Merit not meet shut-in and temporarily abandoned well requirements, the Division is prepared to file a Notice of Agency Action (NAA) for Commencement of Informal Adjudicative Proceedings (R649-10-3) for this matter in accordance with Oil and Gas Conservation General Rule R649-10 Administrative Procedures.

If you have any questions or need further assistance, please feel free to contact me at clintondworshak@utah.gov or 801-538-5280 or Dustin Doucet, Petroleum Engineer, at dustindoucet@utah.gov or 801-538-5281.

Sincerely,


Clinton Dworshak
Oil and Gas Compliance Manager

CLD/js
Enclosure: Compliance History

cc: John Rogers, O&G Associate Director
Dustin Doucet, Petroleum Engineer
Compliance File
Well Files

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043302860000
PHONE NUMBER: 972 628-1540 Ext		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2360 FNL 0430 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 04.0N Range: 08.0E Meridian: S		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/11/2014	<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 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 checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Merit Energy Company reperfotated from 12246-12270 4SPF, 12210-12230 4SPF, 12188-12190 4SPF, 12158-12188 2SPF, 12116-12140 2SPF, 12086-12116 2SPF, 12008-12038 2SPF, 11898-11908 2SPF, 11820-11837 2SPF, 11778-11794 2SPF & 11756-11772 4SPF on the aforementioned well. Please see attached Daily Summary for details.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 25, 2014**

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/21/2014	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: ARE W 20 09

Accounting ID 7615-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330286	Lease ARE- West	Unit Name
Working Interest (%) 59.62	Original KB Elevation (ft)	SAP Latitude 41.0681200000	SAP Longitude -111.0562600000	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group Anschutz Ranch Unit	Producing Status Shut In

Job Category Completion/Workover	Primary Job Type Perforating	Job Start Date 3/18/2014	Job End Date
Daily Operations			
Report Start Date 3/27/2014	Primary Activity MIRU		
Operations Summary MIRU spot support equipment, blow well down to sales,			
Report Start Date 3/28/2014	Primary Activity R/U POOH 2 7/8"tbg		
Operations Summary SITP 60psi SICP 100psi blow down to flat tank, N/D well head N/U BOPs, P/U landing jt release hanger & ASI-X 10K PKR , POOH stand back 84 stands 2 7/8" 6.5# N80 tbg spool cap sting LD #1 GLV, EOT @ 6323' MD Secure well SDOW			
Report Start Date 3/31/2014	Primary Activity POOH / TIH Drilling BHA		
Operations Summary POOH Stand back 98 stands 2 7/8" 6.5# N80 tbg break out L/D #2,#3,#4,#5,#6,#7 GLVs, L/D X-nipple,2 7/8" x4' injection sub, ASI-X PKR, 2 7/8" tbg sub, XN-nipple, Re-entry guide. P/U Drilling BHA TIH EOT JT 366 @ 11740'MD, secure well SDON.			
Report Start Date 4/1/2014	Primary Activity Drii out cmt		
Operations Summary SIP 10psi P/U 9 jts 2 7/8" 6.5# N80 tbg TIH tag up on jt 375 @ 12013' MD, R/U Power swivel drill clean out to jt 377 15' in @12105' MD pump 30bbl 2 % KCL, made 92' hole quit making hole, TOH L/D 4 jts 2 7/8" 6.5# N80 tbg,Stand back 187 stands 2 7/8" 6.5# N80 tbg L/D & clean out drilling BHA redress bailer, Bit plugged cmt, 2 DC / 2 stds cmt, 4 bbls solids, 9 stds black scale water / 10 stds clear salt water. secure well SDON.			
Report Start Date 4/2/2014	Primary Activity Drill out cmt		
Operations Summary SIP 0psi,P/U Drilling BHA,TIH 187 stds 2 7/8" 6.5# N80 tbg, P/U 4 jts 2 7/8" 6.5# N80 tbg tag on jt 378 14' in @ 12100' MD, R/U power swivel start drilling, P/U jt 379 drill to 12151' MD , pump 10bbls 2% KCL down tbg, P/U jt 380 drill to 12183' MD , P/U jt 381 drill to 12216' MD, Pump 10bbls 2 % KCL P/U jt 382 drill to 12249' MD, quit making hole, L/D 2 jts 2 7/8" tbg, Stand back 10 stands jt 360 EOT 11549' MD, secure well SDON.			
Report Start Date 4/3/2014	Primary Activity TOH BHA / TIH BHA		
Operations Summary SIP 0psi TOH stand back 180 stands 2 7/8" tbg, L/D clean out drilling BHA, 5 jts of solids, redress bailer, cone locked up on rock bit, R/U new BHA new 6" rock bit, bit sub, X-over ,flapper,2' pup jt, flapper, 2' pup jt, flapper, 2' pup jt, X-over, (2) 3.5" DC, X-over, 21 stds 2 7/8" 6.5# N80 tbg, bailer, 8' pup jt, drain sub, TIH 183 stands 2 7/8" tbg, EOT @ 11740' haul in 80bbls 2% KCL secure well SDON.			
Report Start Date 4/4/2014	Primary Activity Drill out cmt / TOH BHA		
Operations Summary SIP 10psi TIH 7 stands 2 7/8" tbg P/U jt 381 tag fill 11' in @ 12195' clean out to 12216', P/U jt 381 clean out to 12250', P/U jt 383 drill out to 12280', P/U jt 384 drill out to 12315', R/D swivel, POOH stand back 192 stands 2 7/8" tbg, 9 jts solids, P/U 6" rock bit, bit sub, 7" scrapper, TIH 2 stands 2 7/8" tbg, secure well SDON.			
Report Start Date 4/5/2014	Primary Activity TIH Bit scrapper / TOH		
Operations Summary SIP 10psi, TIH Bit scrapper,183 stands 2 7/8" tbg, P/U 18 jts 2 7/8" tbg tag @ 12315', L/D 18jts 2 7/8" tbg Stand back 183 stands 2 7/8" tbg secure well SDOW.			
Report Start Date 4/7/2014	Primary Activity TIH Bailer run		
Operations Summary SIP 50psi, R/U WL RIH 1st gun 12246'-12270' 4 shot per ft and CCL tie into collars correlate to log, Schlumberger cmt bond log Amoco Production, ARE W20-09, Anschutz East, Date Mar 19,1988, Summit Utah, sec 20, twp 4N,rng 8E, WL 12172', MD 12315',143' fill in hole R/D WL TIH and talley in, 6" bit, bit sub,flapper, pup jt, flapper, pup jt, flapper, 1jt , 25 stds, bailer, pup jt, drain sud, 181 stands 2 7/8" 6.5# N80 tbg, EOT @ 11772' secure well SDON			
Report Start Date 4/8/2014	Primary Activity Bail out fill / TOH		
Operations Summary SIP 20psi, P/U 18jts 2 7/8" 6.5# N80 tbg TIH tag @12315' 4K over pull on last 3 jts, stroke bailer 100 strokes, TOH L/D 18jts 2 7/8" tbg, stand back 184 stands 2 7/8" tbg, L/D drain sub, pup, bailer,51jts 2 7/8" tbg, flapper, pup, flapper, pup, flapper, bit sub, 6" bit, 10jts cmt solids,10jts cmt slurry, 3.4bbls solids recovered. clean out BHA, secure well SDON.			
Report Start Date 4/9/2014	Primary Activity Perforate zones		
Operations Summary R/U E-line RIH gun 1 ccl log collars tie into cement bond log Amoco Production Company ARE W20-09 Anschutz Ranch EastSummit Utah sec 20 twp 4N rng 8E date 19-Mar-88 tag up @ 12234'WLM POH skip 1st gun 12246-270, RIH 1st gun run select fire 1st shot 12210'-30' 8' ccl top shot ccl @ 12202' 2-jspf W/ 90 deg phasing W/ 26 gram charges = 40holes, 2nd shot 12188'-90' 4' ccl top shot ccl top shot @ 12184' 4-jspf W/ 90 deg phasing W/ 26 gram charges = 8 holes, 2nd gun run 12158'-188' 3' ccl top shot @12155' 2- jspf W / 90 deg phasing W/ 26 gram charges = 64 holes, 3rd gun run in tandem 1st shot 12116' -140' 3' ccl top shot @ 12113' W/ 90 deg phasing W/ 26 gram charges = 48holes, R/D tools secure well SDON.			



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: ARE W 20 09

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Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group Anschutz Ranch Unit	Producing Status Shut In

Daily Operations

Report Start Date 4/10/2014	Primary Activity Perforate zones
Operations Summary R/U E-line RIH gun 1 ccl log collars tie into cement bond log Amoco Production Company ARE W20-09 Anschutz Ranch EastSummit Utah sec 20 twp 4N rng 8E date 19-Mar-88, 4th gun run in tandom 2nd shot 12086' -116' 3' ccl top shot @ 12083' W/ 90 deg phasing W/ 26 gram charges = 60 holes, 5th gun run 12008'-038' 3' ccl top shot 12005' 2 JSPF W/ 90deg phasing = 60 holes, 6th gun run select fire 1st shot 11898"- 908' 25' ccl top shot @ 11873' 4-jspf W/ 90 deg phasing W/ 26 gram charges = 20 holes, 2nd shot 11820'-37' 6' ccl top shot ccl top shot @ 111814' 4-jspf W/ 90 deg phasing W/ 26 gram charges = 68 holes, 7th gun run 11778'-94' 8' ccl top shot 11770' 2 JSPF W/ 90deg phasing = 32 holes 8th run 11756'-72 3' ccl top shot 11753' 4 JSPF W/ 90deg phasing 26 grams = 64 holes, 9th gun run 11743'-50' 3' ccl top shot 11731' 2 JSPF W/ 90deg phasing 26 grams = 64 holes.	
Report Start Date 4/11/2014	Primary Activity TIH production string
Operations Summary SIP 10psi, TIH151 stands 2 7/8" 6.5# N80 tbg banding cap string to tbg, spacing GL mandrels EOT 9730' secure well SDON.	
Report Start Date 4/12/2014	Primary Activity TIH production string / ND/NU well head
Operations Summary SIP 10psi, TIH 30 stds 2 7/8" tbg, L/D hanger 14K down compression on PKR, R/D floor N/D BOPs N/U well head, R/D	