

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC _____ S X FILE X WATER SANDS _____ LOCATION _____ ECTED _____ SUB. REPORT/abd. _____

* Well name change 2-9-83 from Chemplin 458 Amoco "D" #2.

810402 Loc. chg. from 666' FNL 2456' FEY.

810516 ops. chg. from Amoco Prod. Co. to Amoco Rockmount Co.

910330 Returned TO GAS PRODUCER EFF. 12/95

DATE FILED 5-27-80 8-2-85 (UIC application filed)

LAND: FEE & PATENTED X STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: 5-28-80 9-4-85 (UIC application approved)

SFUDDED IN: 8-6-81

COMPLETED: 7-15-82 SIGWPUT TO PRODUCING: 3-86 (Commenced injection)

INITIAL PRODUCTION: 1370 BOPD, 12,000 MCF, 170 BWPD

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: 11,804' - 13,715' ngsd

TOTAL DEPTH: 13,876'

WELL ELEVATION: 7,595'

DATE ABANDONED: _____

FIELD: Anschutz Ranch East

UNIT: Anschutz Ranch East

COUNTY: Summit

WELL NO. AREU #W29-02 API No. 43-043-30136

LOCATION 662' FT. FROM (N) X LINE, 2460' FT. FROM (E) X LINE. NWNE ¼-¼ SEC. 29

BHL: 10916' FNL 1846' FEL

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
4N	8E	29	Amoco Rockmount AMOCO PRODUCTION CO.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaito Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Nugget 11,804'	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonsen Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapcats
CRETACEOUS	Glen Canyon Gr.	Akahi	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TR ¹ IC		

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FIL. WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.
 * Well name change 2-9-83 960401 original CARDex made New CARDex
 Returned to PGW from GLW

DATE FILED 5-27-80
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN
 DRILLING APPROVED: 5-28-80
 SPUDDED IN: 8-6-81
 COMPLETED: 7-15-82 SIGW START TO PRODUCING:
 INITIAL PRODUCTION: 1370 BOPD, 12,000 MCF, 170 BWPD injection well
 GRAVITY A.P.I.
 GOR.
 PRODUCING ZONES: 11,804' - 13,715' ngsd
 TOTAL DEPTH: 13,876'
 WELL ELEVATION: 7595'
 DATE ABANDONED:
 FIELD: ANSCHUTZ RANCH EAST
 UNIT:

COUNTY: SUMMIT
 WELL NO. ~~CHAMPLIN 458 AMOCO "D" #2~~ AREK #W29-02 API NO. 43-043-30136
 LOCATION ~~662~~ FT. FROM (N) ~~LINE~~ ~~2460~~ FT. FROM (E) ~~LINE~~ NW NE 1/4 - 1/4 SEC 29

TWP.	RGE	SEC.	OPERATOR	TWP.	RGE	SEC.	OPERATOR
				4N	8E	29	ROCK MOUNTAIN AMOCO PRODUCTION CO.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Loco Lino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ourray
Green River	Frontier	Phosphoria	Elbert
Nugget 11,804'	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
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CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

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

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Champlin 458 Amoco "D"

2. Name of Operator

Amoco Production Company

9. Well No.

#2

3. Address of Operator

P.O. Box 17675, Salt Lake City, UT 84117

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

NW/4 NE/4 Sec. 29 2456.2' FEL & 615.6' FNL

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

Sec. 29 T4N, R8E

At proposed prod. zone

660' FNL & 1980' FEL (BHL)

12. County or Parrish 13. State

Summit

Utah

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

Approximately 7 miles SE of Castle Rock, Utah

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

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

14,540'

20. Rotary or cable tools

Rotary

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

7589' Top of Hub

22. Approx. date work will start*

When approved

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2"	13 3/8"	*	*	Class "G" circ. to surface
12 1/4"	9 5/8"	*	*	Class "G" sufficient to cover pay.
8 1/2"	7"	*	*	

*See Item #4 of Attachment

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 5-28-80

BY: M.A.J. Minder

Propose to Develop Nugget Reserves

(See Attachments)

RECEIVED
MAY 27 1980

DIVISION OF OIL, GAS & MINING

Said well will be drilled in accordance with the application filed in Cause #183-2

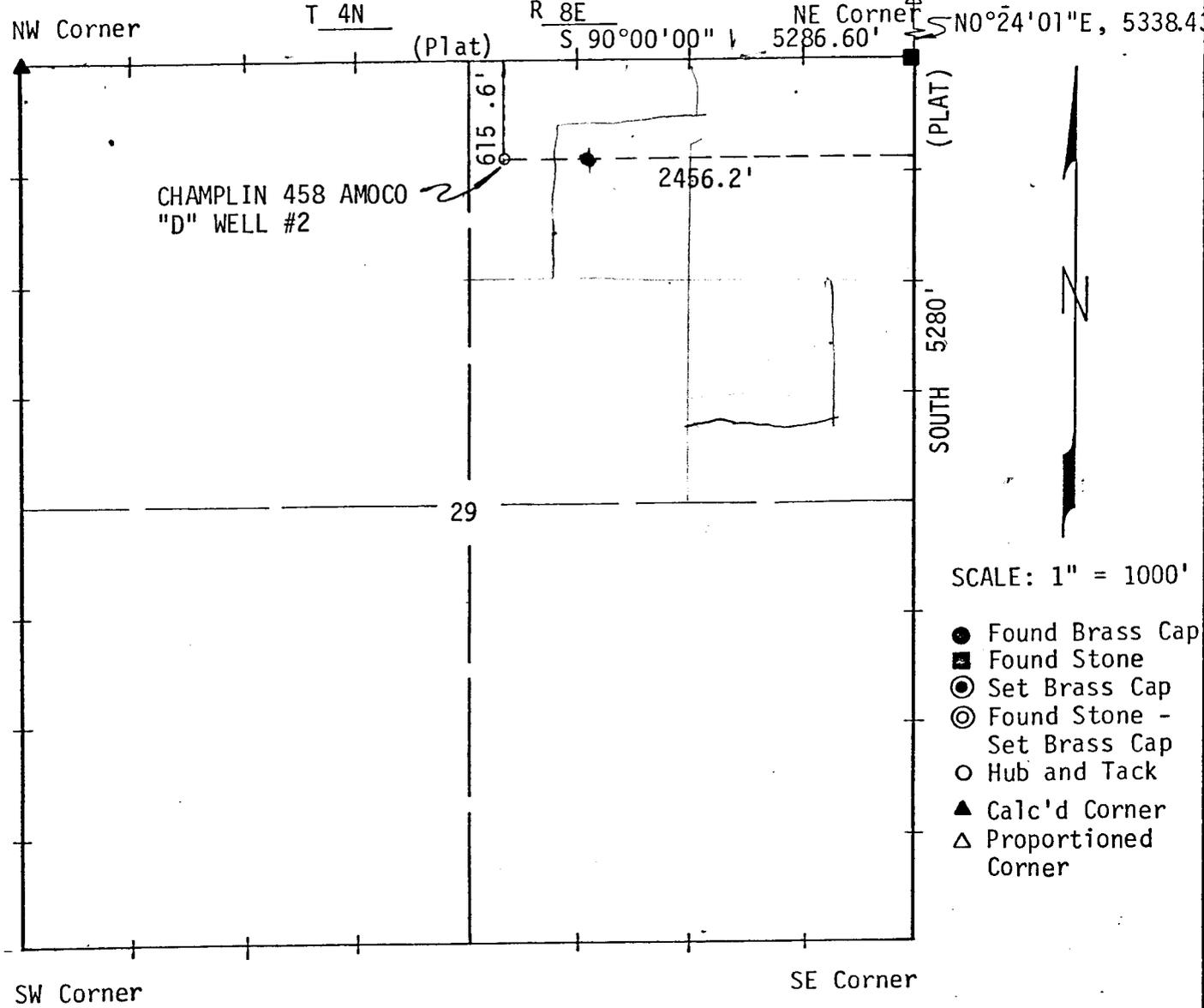
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. Signed: D.D. Davidson Title: Dist. Admin. Supervisor Date: 5-22-80

(This space for Federal or State office use)

Permit No. 43-043-30136 Approval Date 5/28/80

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



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊗ Found Stone - Set Brass Cap
- Hub and Tack
- ▲ Calc'd Corner
- △ Proportioned Corner

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from R.C. Buckley of Evanston, Wyoming for Amoco Production Company I made a survey on the 13th day of May, 1980 for Location and Elevation of the Champlin 458 Amoco "D" Well #2 as shown on the above map, the wellsite is in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 29, Township 4N, Range 8E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7589 Feet Top of Hub Datum U.S.G.S. Quad - Porcupine Ridge, Utah-Wyoming, Spot Elevation 7504, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 23, T13N, R121W, 6th P.M., Uinta County, Wyoming

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

John A. Proffit 5/20/80
 JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: May 19, 1980
 JOB NO.: 80-10-28

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

ATTACHMENT TO FORM OGC-1a

Champlin 458 Amoco "D" #2

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

Tertiary	Surface
Bear River	4000'
Gannet	5093'
Stump	8316'
Preuss	8354'
Salt	9386'
Twin Creek	10386'
Nugget	11940'
Ankareh	14440'

3. Estimated depths anticipated to encounter water, oil, gas, or other mineral-bearing formations:
See Item #2 above
4. Casing Program: See Item #23, Form OGC-1a

(Distributed as follows)

<u>Hole Size:</u>	<u>Casing Size:</u>	<u>Weight/Grade:</u>	<u>Condition:</u>	<u>Depth:</u>
17 1/2"	13 3/8"	54.5# K-55 ST&C	New	2100'
12 1/4"	9 5/8"	53.5# S-95 LT&C	New	80'
	"	40# S-95 LT&C	New	6770'
	"	43.5# S-95 LT&C	New	2800'
	"	62.8# S-105 LT&C	New	1200'
8 1/2"	7"	32# S-95 LT&C	New	1535'
	"	26# S-95 LT&C	New	2000'
	"	23# S-95 LT&C	New	6000'
	"	32# S-95 LT&C	New	5355'

Tubing:

2 7/8"	6.5# N-80 EUE	New	14500'
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5. Operators minimum specifications for pressure control equipment are explained on attached schematic diagrams. Testing of such equipment is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

6. Mud Program:

0 - 2000'	Native Mud, 8.4-8.5#/gal. Viscosity as required to clean hole.
2000'-10450'	Low solid, non-dispersed, 8.4-9.0#/gal.* Viscosity 35-40.
10450' - TD	Low solid, non-dispersed, 8.4-9.0 #/gal. Viscosity 35-40.

*Convert to salt mud prior to salt section at 9350'

7. Auxiliary Equipment:

Kelly cock, floor sub with full opening valve. 3" choke manifold with remote control choke. Two-man hotwire with chromatograph.

8. Testing Program:

No special tests are planned.

Logging Program:

DIL-GR*	BSC - TD *If mud is fresh
DLL-MSFL**	BSC - TD **If mud is salty
FDC-CNL-GR-Caliper	BSC - TD
FIL	BSC - TD
HDT-Directional	BSC - TD
BHC-GR-Caliper	Surf - TD
Cased Hole TDT	Across Nugget

Coring Program:

None

Stimulation Program:

To be determined by District Office upon completion of drilling operations.

ATTACHMENT TO FORM OGC-1a
Champlin 458 Amoco 'D' #2
Page Three

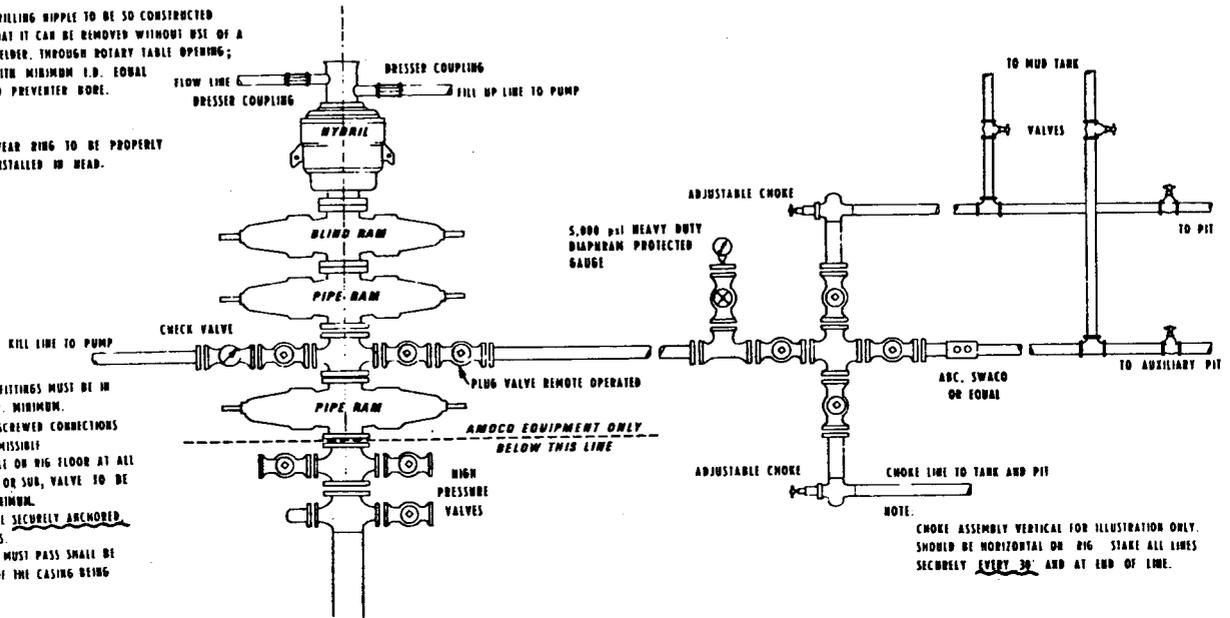
9. No abnormal pressures, temperatures, or hydrogen sulfide are anticipated.
10. Anticipated starting date will be when approved and duration of operations will be approximately 60 days.

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

NOTE:

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

2 WEAR RING TO BE PROPERLY INSTALLED IN HEAD.



NOTE:

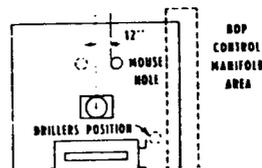
- 1 BLOW-OUT PREVENTERS AND ALL FITTINGS MUST BE IN GOOD CONDITION 5,000 PSI W.P. MINIMUM.
- 2 ALL FITTINGS TO BE FLANGED SCREWED CONNECTIONS DOWNSTREAM FROM CHOKES PERMISSIBLE
- 3 SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUB, VALVE TO BE FULL BORE 5,000 PSI W.P. MINIMUM.
- 4 ALL CHOKER AND RILL LINES TO BE SECURELY ANCHORED ESPECIALLY ENDS OF CHOKER LINES.
- 5 EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
- 6 KELLY COCK ON KELLY.
- 7 EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.
- 8 RIG FLOOR BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS FEASIBLE.
- 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE 80 GALLON ACCUMULATOR, TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION, AND MEET ALL IADC SPECIFICATIONS.

NOTE:

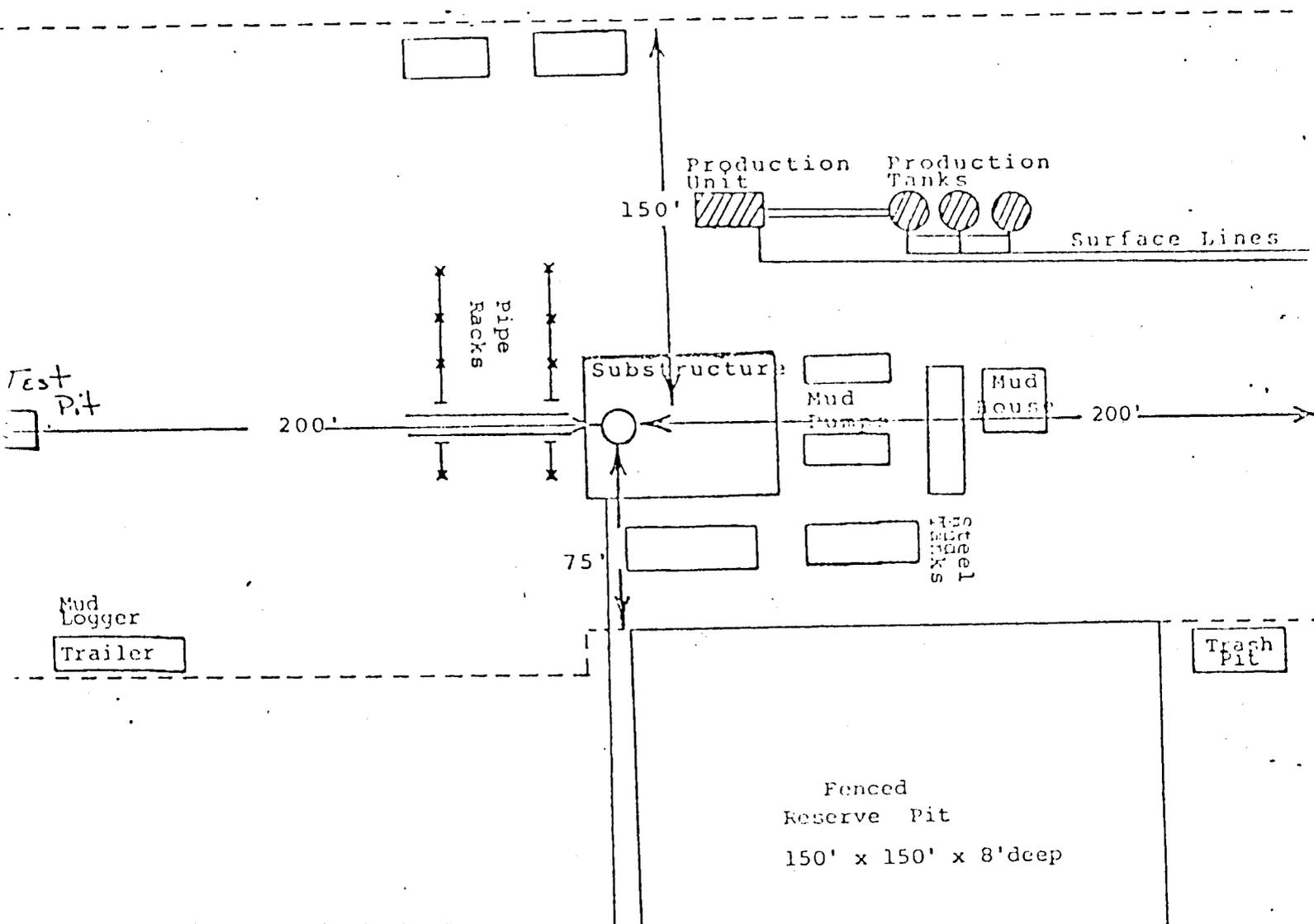
ALL VALVES TO BE FULL OPENING.

NOTE:

CHOKER ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. STAKE ALL LINES SECURELY EVERY 30' AND AT END OF LINE.



Tool Pushers Trailer
Amoco Company Trailer



Test Pit

Mud Logger Trailer

Substructure

Pipe Racks

Production Unit
Production Tanks

Surface Lines

150'

200'

200'

75'

Mud Pumps

Mud House

150' x 150' x 8' deep

Trash Pit

Fenced Reserve Pit
150' x 150' x 8' deep

** FILE NOTATIONS **

DATE: May 28, 1980
OPERATOR: Amoco Production Company
WELL NO: Champlin 458 Amoco "D" #2
Location: Sec. 29 T. 4N R. 8E County: Summit

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

API Number 43-043-30136

CHECKED BY:

Petroleum Engineer: M.J. Minder 5-28-80

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 183-2 4/10/80 O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site

#3

Lease Designation Plotted on Map
Approval Letter Written Wtm
Hot Line P.I.

May 29, 1980

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

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

Insofar as this office is concerned, approval to drill the above referred to gas well ~~is~~ hereby granted in accordance with the Order issued in Cause No. 183-2 dated April 10, 1980.

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

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

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

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

The API number assigned to this well is 48-043-30136.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:tm

cc

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 17675, Salt Lake City, Utah 84117		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/4 NE/4 Sec. 29, 662' FNL and 2460' FEL		8. FARM OR LEASE NAME Champlin 458 Amoco "D"
14. PERMIT NO. 43-043-30136	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7589' Top of hub	9. WELL NO. #2
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

Please accept this sundry as Amoco Production Company's notice of intent to change the surface location on this well to the NW/4 NE/4 of Sec. 29, 662' FNL and 2460' FEL. Our previous reports had shown the surface location to be 2456' FEL and 616' FNL, NW/4 NE/4 of Sec. 29. BHL will remain the same.

RECEIVED

MAR 31 1981

NOTE: New plats attached

DIVISION OF OIL, GAS & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 4-2-81

BY: M. J. Munder

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

SIGNED E. W. Chapman TITLE Administrative Supervisor DATE 3-24-81

(This space for Federal or State office use)

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

ATTACHED SHEET

1. Well No. Champlin 388-Amoco "B" #1
Sec. 35, T. 6N. R. 7E.
Rich County, Utah

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

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



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
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THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

April 1, 1981

Amoco Production Co.
P.O. Box 17655
Salt Lake City, Utah 84117

Re: SEE ATTACHED SHEET

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application.) If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
SANDY BATES
CLERK-TYPIST

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		MAY 1 1981		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 17675, Salt Lake City, Utah 84117				7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/4 NE/4 Sec. 29, 662' FNL and 2460' FEL				8. FARM OR LEASE NAME Champlin 458 Amoco "D"
14. PERMIT NO. 43-043-30136		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7589' Top of Hub		9. WELL NO. #2
				10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
				12. COUNTY OR PARISH Summit
				13. STATE Utah

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

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

Please accept this sundry as Amoco Production Company's notice of future plans on the subject well. This well will be drilled upon rig availability.

NOTE: Sundry dated 3-24-81 advised you of location change.

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE District Administrative Supervisor DATE 4-24-81

(This space for Federal or State office use)

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Amoco Production Company

WELL NAME: Champlin 458 "D" #2

SECTION NW NE 29 TOWNSHIP 4N RANGE 8E COUNTY Summit

DRILLING CONTRACTOR Viersen and Cochran

RIG # 11

SPUDDED: DATE 8-6-81

TIME 9:00

HOW rotary

DRILLING WILL COMMENCE _____

REPORTED BY Tom Hufford

TELEPHONE # 307-789-2591

DATE 8-5-81 SIGNED CB

DIVISION OF OIL, GAS AND MINING

BOP Test



NAME OF COMPANY: Amoco

WELL NAME: Amoco Prod 2 Champlin 458-D

SECTION NE 29 TOWNSHIP 4N RANGE 8E COUNTY Summit

DRILLING CONTRACTOR Viersen - Cochran

RIG # 8

TEST: DATE 9-23-81

TIME 2:00 am

HOW _____

There is 13 3/8" casing @ 2500'
TD 8223'

BOP equip will be tested to 3000#
hydril to 1500#

Last tested 8-23-81

DRILLING WILL COMMENCE _____

REPORTED BY Floyd Madisen

TELEPHONE # 789-2291

DATE 9-23-81

SIGNED MTM *M. J. M.*



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

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

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

December 15, 1981

Amoco Production Company
P.O. Box 1765
Salt Lake City, Utah 84078

Re: See Attached

Gentlemen:

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

Rule C-77, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing the forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

CARI FURSE
CLERK TYPIST

Well No. Champlin 551-amoco B1
Sec. 33, T. 3N, R. 4E
Summit County, Utah
(1981 monthlys)

Well No. Island Ranching #c-1
Sec. 26, T. 4N, R. 7E
Summit County, Utah
(August - November)

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

Well No. Champlin 458 Amoco "D" #2
Sec. 29, T. 4N, R. 8E
Summit County, Utah
(August- November)

Well No. Champlin 846 Amoco A1
Sec. 25, T. 5N, R. 7E
Summit County
SECOND NOTICE
(May 1981- November 1981)



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

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

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

March 2, 1982

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

Re: Well No. Island Ranching "C" #1
Sec. 26, T. 4N, R. 7E.
Summit County, Utah
(December 1981- February 1982)

Well No. Champlin 458 Amoco "D" #2
Sec. 29, T. 4N, R. 8E
Summit County, Utah
(December 1981- February 1982)

Well No. Champlin 846 Amoco A1
Sec. 25, T. 5N, R. 7E
Summit County, Utah
(December 1981- February 1982)

SECOND NOTICE ON ALL ABOVE WELLS

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

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 17675 Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
662' FNL & 2460' FEL

14. PERMIT NO.
43-043-30136

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7589' GR

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Champlin 458 Amoco "D"

9. WELL NO.
#2

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

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

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

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

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

Spudded: 8-6-81
Drilling Contractor: Vierson-Cochran, Rig #11

Casing: 20" SA 100'
13 3/8" casing SA 2672'

Drilling ahead at 13,897'

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Administrative Supervisor DATE 3-8-82

(This space for Federal or State office use)

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

ATTACHMENT "A"

Form OGC-3
Champlin 458 Amoco "D" #2

Perforation Record:

13,340' - 13,342'	w/4 JSPP
13,150' - 13,152'	
12,910' - 12,912'	
12,720' - 12,722'	
12,530' - 12,532'	
12,360' - 12,362'	
11,750' - 11,752'	

Gross Interval: 13,365' - 13,490'

Stimulation Record:

Sq. w/300 sx "G"
Sq. w/100 sx "G"
Sq. w/100 sx "G"
Sq. w/100 sx "G"
Sq. w/150 sx "G"
Sq. w/125 sx "G"
Sq. w/150 sx "G"

Acidized w/7200 gal. 7 1/2% HCL

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

~~PRELIMINARY REPORT~~

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Champlin 458 Amoco "D"

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

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

Sec. 29, T4N, R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface
662' FNL & 2460' FEL

At total depth
BHL: 1096' FNL & 1846' FEL

14. PERMIT NO. 43-043-30136
DATE ISSUED 5-29-80

15. DATE SPUNDED 8/6/81
16. DATE T.D. REACHED 12/22/81
17. DATE COMPL. (Ready to prod.) 7-15-82 (final comp)
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7595' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 13,876'
21. PLUG, BACK T.D., MD & TVD 13,715'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY → Surf. to TD | ROTARY TOOLS | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
11,804' - 13,876' Nugget
25. WAS DIRECTIONAL SURVEY MADE Yes

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61#	2515'	17 1/2"	2200 SX	
9 5/8"	40#	10,562'	12 1/4"	1750 SX	
7"	23#	13,892'	8 1/2"	775 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2"	11,804'	11,804'

31. PERFORATION RECORD (Interval, size and number)
See Attachment "A"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED
See Attachment "A"

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Flowing	Shut-In					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/17/82	11		→	682	6500	55	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1450	450	→	1370	12,000	170		

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

35. LIST OF ATTACHMENTS
Attachment "A"

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Administrative Supervisor DATE 5-13-82

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

INSTRUCTIONS

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

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

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

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No cores or DST's						
			*Specific Formation Tops to be Supplied on Final Report	Nugget	11,804'	

38. GEOLOGIC MARKERS

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

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

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

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

July 14, 1982

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

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

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

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cari Furse
Clerk Typist



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

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

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

August 14, 1982

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

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

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

Gentlemen:

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

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

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

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

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
 Clerk Typist



August 24, 1982

Amoco Production Company

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

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

Attn: Cari Furse

Dear Ms. Furse:

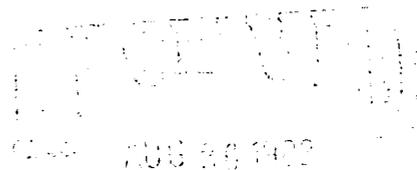
Enclosed are dipmeters and directional log on the Champlin 458 Amoco E #2, dated May 6 and June 26, 1982. We do not have films, prints or sepias of the EPT and RFT on this well; so far as I know, these logs were not run.

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

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

Yours truly,

Nancy Camp
Staff Exploration Technologist
303-830-5184



DIVISION OF
OIL, GAS & MINING

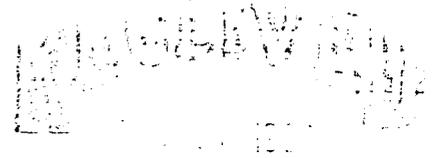


Amoco Production Company

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

T. G. Doss
District Superintendent

February 9, 1983



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

DIVISION OF
OIL, GAS & MINING

File: DSD-251-031.190

Anschutz Ranch East Unit Operations - Summit County, Utah

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

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

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

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

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

T.G. Doss

T.G. Doss
District Superintendent

SW/

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

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

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME W29-02
3. ADDRESS OF OPERATOR P. O. Box 829 Evanston, Wyoming 82930		8. FARM OR LEASE NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 662' FNL & 2460' FEL		9. WELL NO.
14. PERMIT NO. 43-043-30136		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7595' GR		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 29, T4N, R8E
12. COUNTY OR PARISH Summit		13. STATE Utah

RECEIVED

MAY 23 1984

DIVISION OF OIL
GAS & MINING

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

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

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

FM tops as requested	
Tertiary/Cretaceous	2575'
Aspen	2887'
Bear River	3483'
Garnett	5240'
Preuss	8908'
Twin Creek	10,330'
Nugget	11,803'

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

SIGNED *C. B. Burns* TITLE District Drilling Engineer DATE 05/18/84

(This space for Federal or State office use)

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

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

3 COPIES IN TRIPLICATE*
or instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W29-02

9. WELL NO.
W29-02

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., N., OR S.E., AND
SUBST. OR AREA
Sec. 29, T4N, R8E

12. COUNTY OR PARISH 13. STATE
Summit UT

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
662' FNL & 2460' FEL

14. PERMIT NO.
43-043-30136

15. ELEVATIONS (Show whether SP, ST, OR, etc.)
7627' KB 7505' 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>			

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

To Improve Vertical Conformance and Sweep

Cement squeeze 12046'-12128' and 12150'-12218'
Reperforate 12240'-12262', 12288'-12330', and 12356'-12404'
Perforate 11807'-11816', 11832'-11848', 11854'-11865',
11882'-11909', 11917'-11934', 11948'-11958',
11992'-12004', and 12010'-12019'

Estimated Start Date 4/23/85

Verbal approval received by Mike Healy Amoco, from Ron Firth Utah Oil & Gas 4/19/85

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

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

SIGNED John R. Dasa TITLE District Engineer DATE 4/19/85

(This space for Federal or State office use)

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



Amoco Production Company

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

T. G. Doss
District Manager

July 22, 1985

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

Attn: Cleon B. Feight

File: VEP-352-WF

Injection Well Application
ARE W29-02
Anschutz Ranch East
Summit County, Utah

RECEIVED

AUG 02 1985

DIVISION OF OIL
GAS & MINING

As requested by C. B. Feight (January 24, 1983), the following application for an Underground Injection Control Class II Well is submitted for your review and approval. The Anschutz Ranch East W29-02 well will be the eleventh well to be used for gas injection purposes in the Anschutz Ranch East field (reference Amoco Production Company letter dated April 7, 1983). Please find attached the above mentioned application and attachments for the ARE W29-02 well.

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

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

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

T. G. Doss
T. G. Doss

MWH/ht

Attachments

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

Operator: AMICO Well No. ARE W29-02
 County: Summit T 4N R 8E Sec. 29 API# 43-043-30136
 New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fluid Source Nitrogen extraction plant

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>Nitrogen</u>
Analysis of Water in Formation to be injected into	Yes <input type="checkbox"/>	No <input type="checkbox"/>	TDS <u>N/A</u>

Known USDW in area _____ Depth 3000+ ft

Number of wells in area of review 3 Prod. 2 P&A 3
 Water _____ Inj. 1

Aquifer Exemption Yes _____ NA

Mechanical Integrity Test Yes No

Date _____ Type _____

Comments: * when well is completed

Reviewed by: [Signature]

RECEIVED

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

AUG 02 1985

DIVISION OF OIL
GAS & MINING

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

IN THE MATTER OF THE APPLICATION OF
Amoco Production Company, USA
ADDRESS P.O. Box 829
Evanston, WY ZIP 82930
INDIVIDUAL PARTNERSHIP CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE ARE W29-02 WELL
SEC. 29 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

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

APPLICATION

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

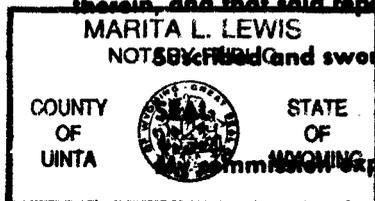
1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>UPRR 31-1</u>	Well No. <u>ARE W29-02</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>29</u> Twp. <u>4N</u> Rge. <u>8E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>6/15/85</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>≈ 3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Gas</u>
Location of Injection Source(s) <u>Nitrogen extraction plant Uinta County, Wyoming</u>	Geologic Name(s) and Depth of Source(s) <u>Nitrogen extraction via atmosphere</u>		
Geologic Name of Injection Zone <u>Nugget</u>	Depth of Injection Interval <u>11,803' to 13,502'</u>		
a. Top of the Perforated Interval: <u>11,807'</u>	b. Base of Fresh Water: <u>≈ 3000'</u>	c. Intervening Thickness (a minus b) <u>8,807'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Gannet (Claystone); Preuss (sandstone/shale); Salt; Twin Creek Limestone</u>			
Injection Rates and Pressures Maximum <u>50 MMSCFD</u> B/D <u>6100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of a unit agreement.</u>			

State of Wyoming
County of Uinta

Amoco Production Company
Applicant

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



July, 19 85
Marita L. Lewis
Notary Public in and for Uinta County

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	2,515'	2200	Surface	
Intermediate	9 5/8"	10,562'	1750	9,340'	CBL
Production	7"	13,892'	775	11,110'	CBL
Tubing	3 1/2"	11,787'	Name - Type - Depth of Tubing Packer Baker Retrieval DB Packer SA 11,760'		
Total Depth 13,892'	Geologic Name - Inj. Zone Nugget	Depth - Top of Inj. Interval 11,803'	Depth - Base of Inj. Interval 13,502'		

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

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

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

API NO. _____
640 Acres
N

COUNTY Summit SEC. 29 TWP. 4N RGE. 8E

COMPANY OPERATING Amoco Production Company

OFFICE ADDRESS P.O. Box 829

TOWN Evanston STATE ZIP WY 82930

FARM NAME Anschutz WELL NO. ARE W29-02

DRILLING STARTED 8-6 19 81 DRILLING FINISHED 12-22 19 81

DATE OF FIRST PRODUCTION 3-17-82 COMPLETED 7-15-82

WELL LOCATED 1/4 NW 1/4 NE 1/4
1978 FT. FROM SE OF 1/4 SEC. & 794 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 7626 GROUND 7595

TYPE COMPLETION

Single Zone X

Multiple Zone _____

Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Nugget	11802	13502			

CASING & CEMENT

Casing Set				Cog. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sex	Fillup	Top
13 3/8	61	K-55	2515		2200		Surface
9 5/8	40	S-95	10562		1750		9,340'
7	23	N-80	13892	1500	775		11,110

TOTAL DEPTH 13,892'

PACKERS SET
DEPTH 11,760'

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
Nugget			
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED INTERVALS	11,807-12,482 (gross)	12,602-13,342 isolated by CIP	
ACIDIZED?	No	Yes	
FRACTURE TREATED?	No	No	

INITIAL TEST DATA

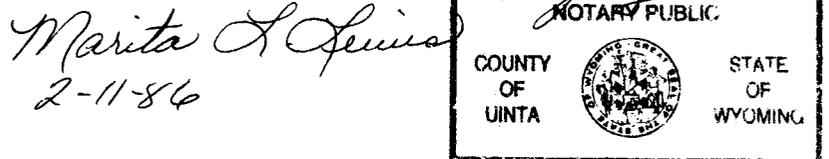
Date	3/17/82		
Oil, bbl./day	1370		
Oil Gravity			
Gas, Cu. Ft./day	6,500,000 CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	4745		
Water-Bbl./day	55		
Pumping or Flowing	Flowing		
CHOKE SIZE			
FLOW TUBING PRESSURE	1450		

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

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

Telephone 789-1700 N. E. Prater P.E. District Engineer
Name and title of representative of company

Subscribed and sworn before me this 26th day of MARCH, 1985
Marita S Lewis NOTARY PUBLIC



LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

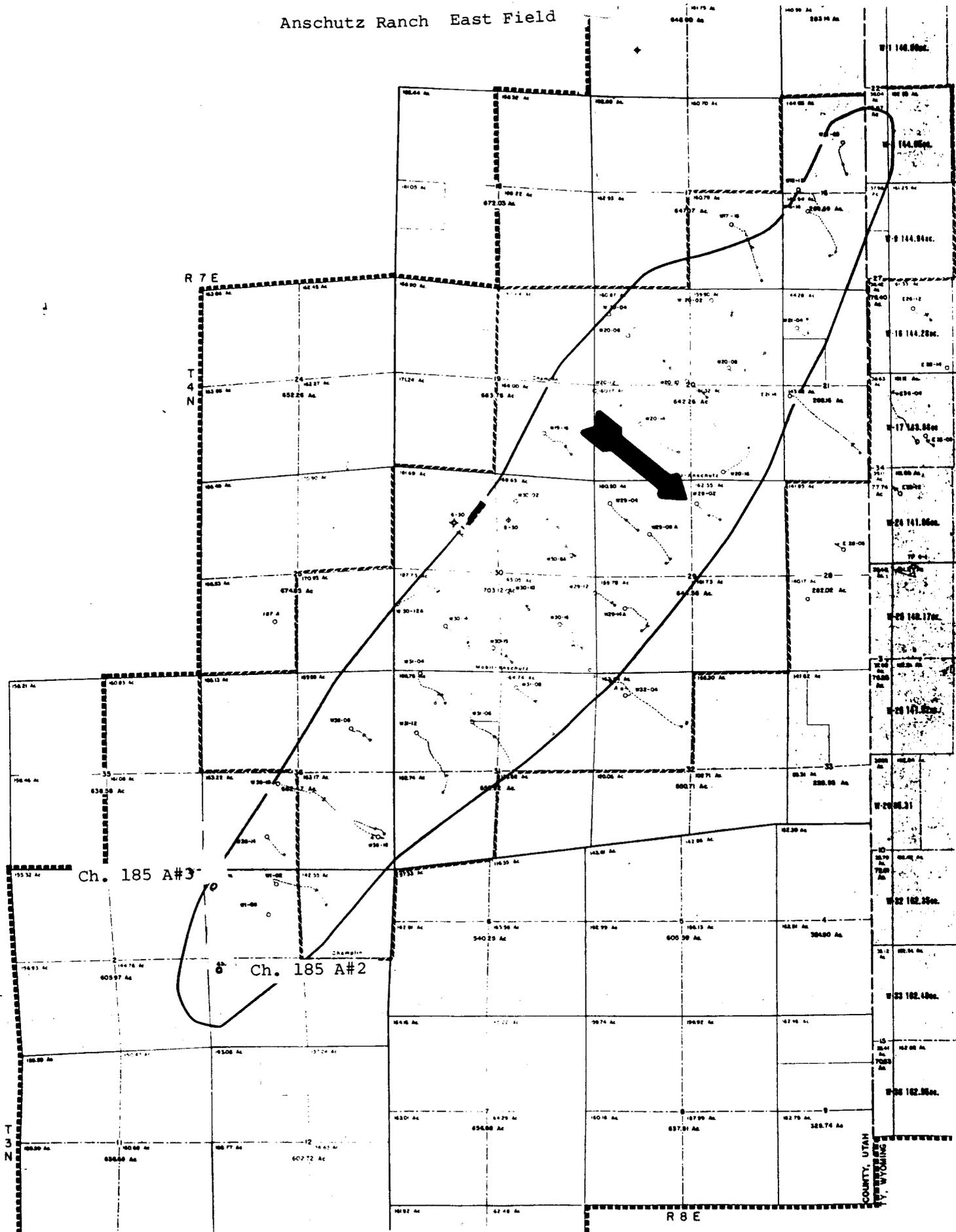
FORMATION PRESSURE TESTING

MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

Anschutz Ranch East Field



Ch. 185 A#3

Ch. 185 A#2

COUNTY, UTAH
TWP, WYOMING

Anschutz Ranch East

Surface Owners Within One-Half Mile of the W29-02 Injection Well*

<u>Well</u>	<u>Type</u>	<u>Total Depth</u>	<u>Surface Owners</u>
W20-14	Injection	13,928'	Anschutz - Sec. 20
W29-06	Producing	14,390'	Anschutz - Sec. 29
W20-16	Producing	15,940'	Anschutz - Sec. 20

* Amoco operates all the wells in the field

Injection

Maximum injection rate - 50 MMSCFD

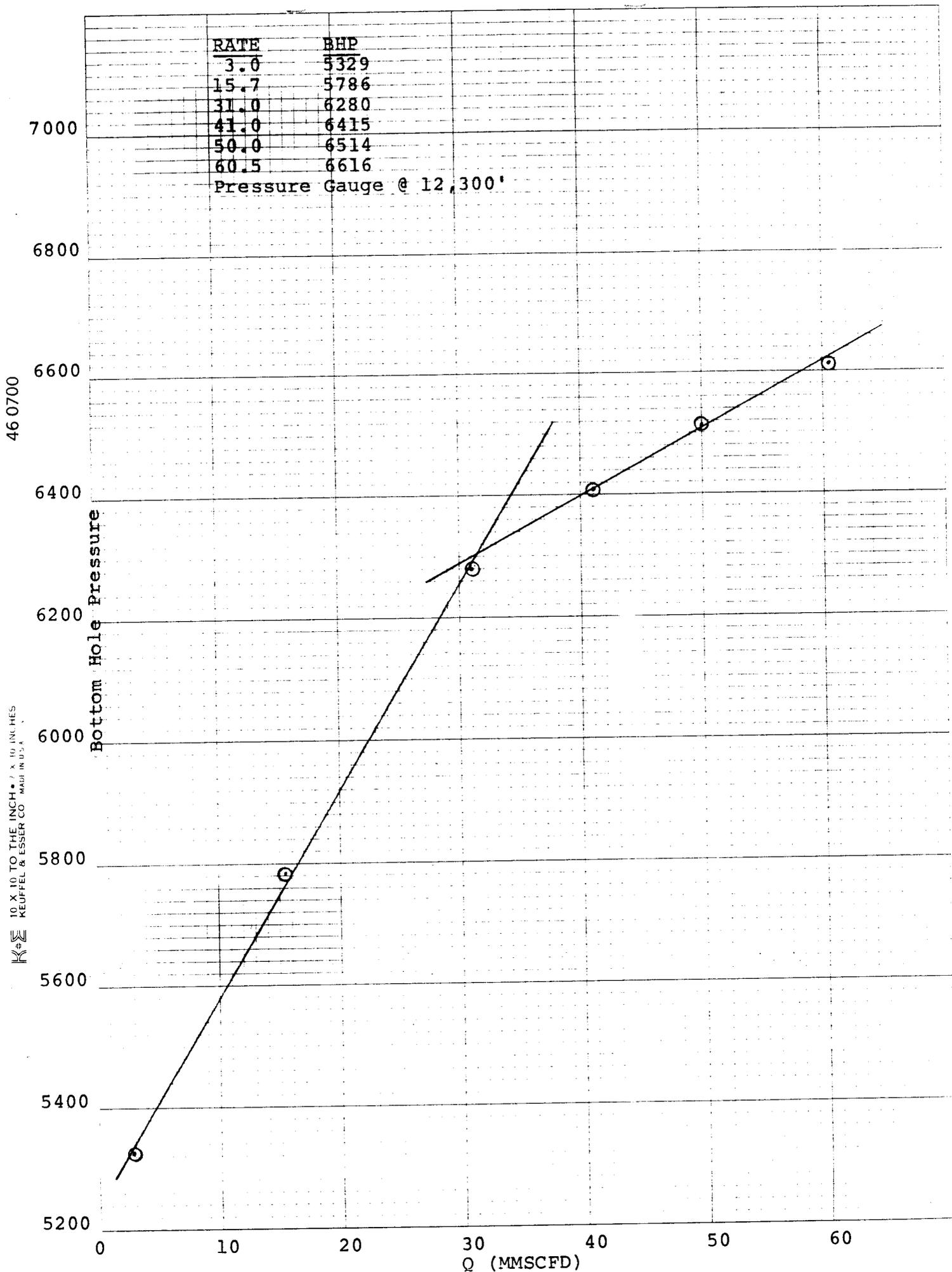
Maximum surface pressure - 6100 psi

Injection fluid- 65% hydrocarbon gas/35% nitrogen

A step rate test was conducted during February, 1985 on the ARE W20-14 injection well in the Nugget formation. One hundred percent nitrogen was used for the test. Injection rates started at 3 MMSCFD at a wellhead pressure of 3760 psi (BHP = 5329 psi) and were increased to a final rate of 60.5 MMSCFD at a wellhead pressure of 5552 psi (BHP = 6616 psi). A cartesian plot of injection rate versus bottomhole pressure shows that the Nugget formation did part at a pressure and rate less than that requested for W29-02. However, the parting pressure and rate vary between wells based upon the depth and perforated pay quality. The data on the W20-14 and previous step rate data show the fracture gradient in the Nugget Formation to be .51 psi/ft. Other injection wells do have higher injection rates and pressures and are not fracturing based upon the .51 psi gradient.

We do not expect to reach the parting pressure with the requested 6100 psi surface pressure and 50 MMSCFD rate because of the pressure losses caused by the transferral of the gas to the formation face. Amoco will collect data to ensure the W29-02 injection pressures are less than the parting pressure.

ANSCHUTZ W20-14 STEP RATE TEST



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

Injection Operating Data

ARE Injection Wells

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

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

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

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

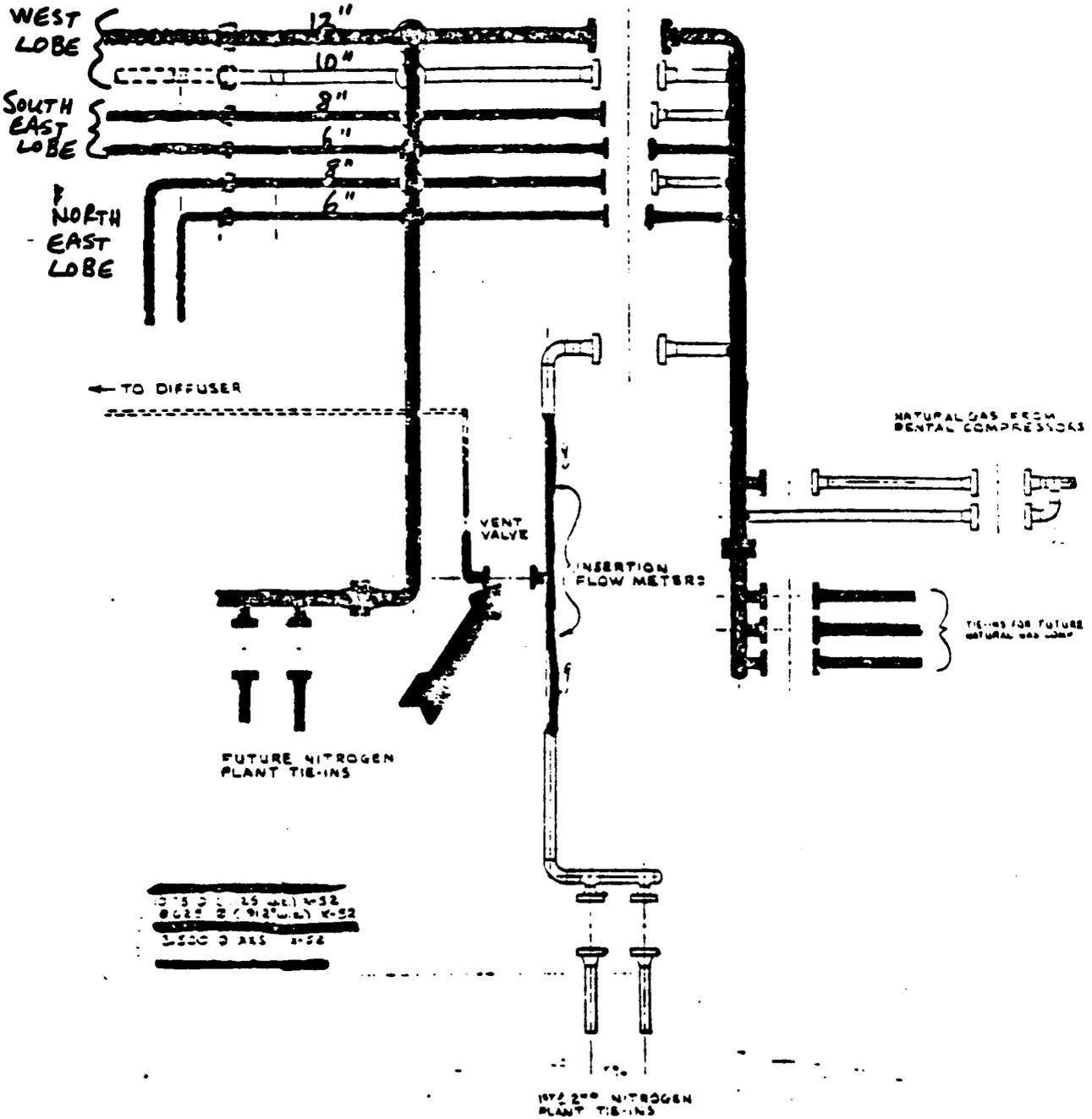
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

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

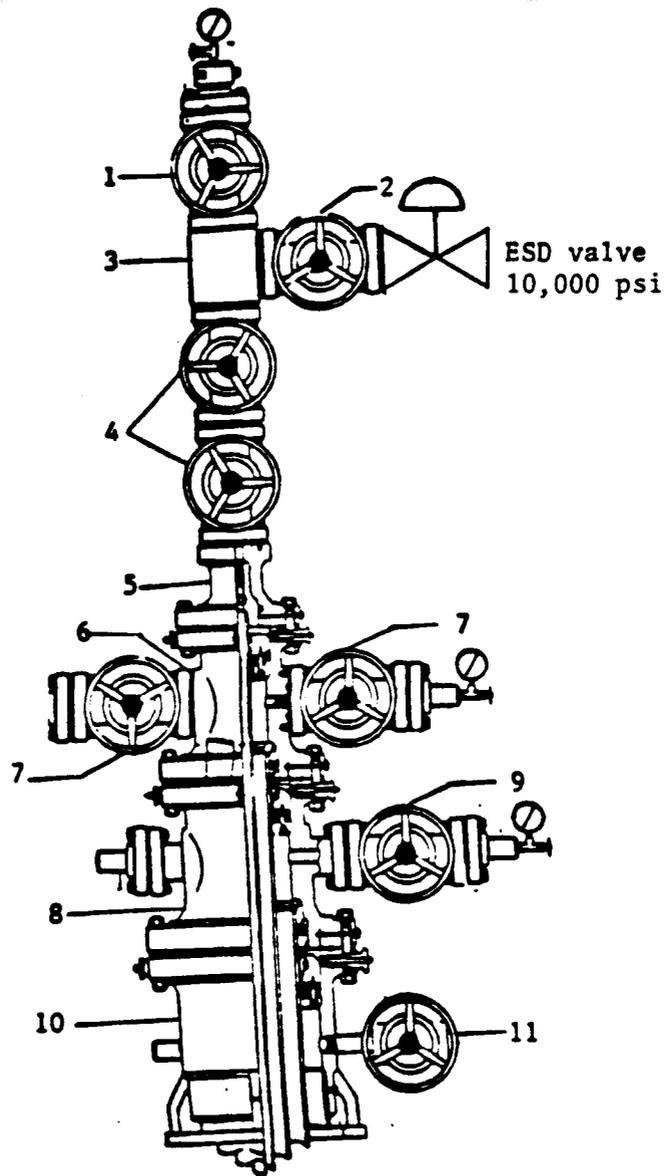
Contingency Plan

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



0 5 0 25 41 452
 0 2 2 2 (912 45) 4-52
 3500 0 25 4-52

ARE Missing Station
 Scale = 1/4" = 1' - 0.5. 0.5. 0.5. 0.5.



Shuts down on high annulus pressure.

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

FIGURE 23. Typical Wellhead for Injection Wells

Formation Testing Programs

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

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

MECHANICAL INTEGRITY TEST

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

PRESSURE TESTING

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

ARE W29-02 - Geologic Data

Twin Creek:

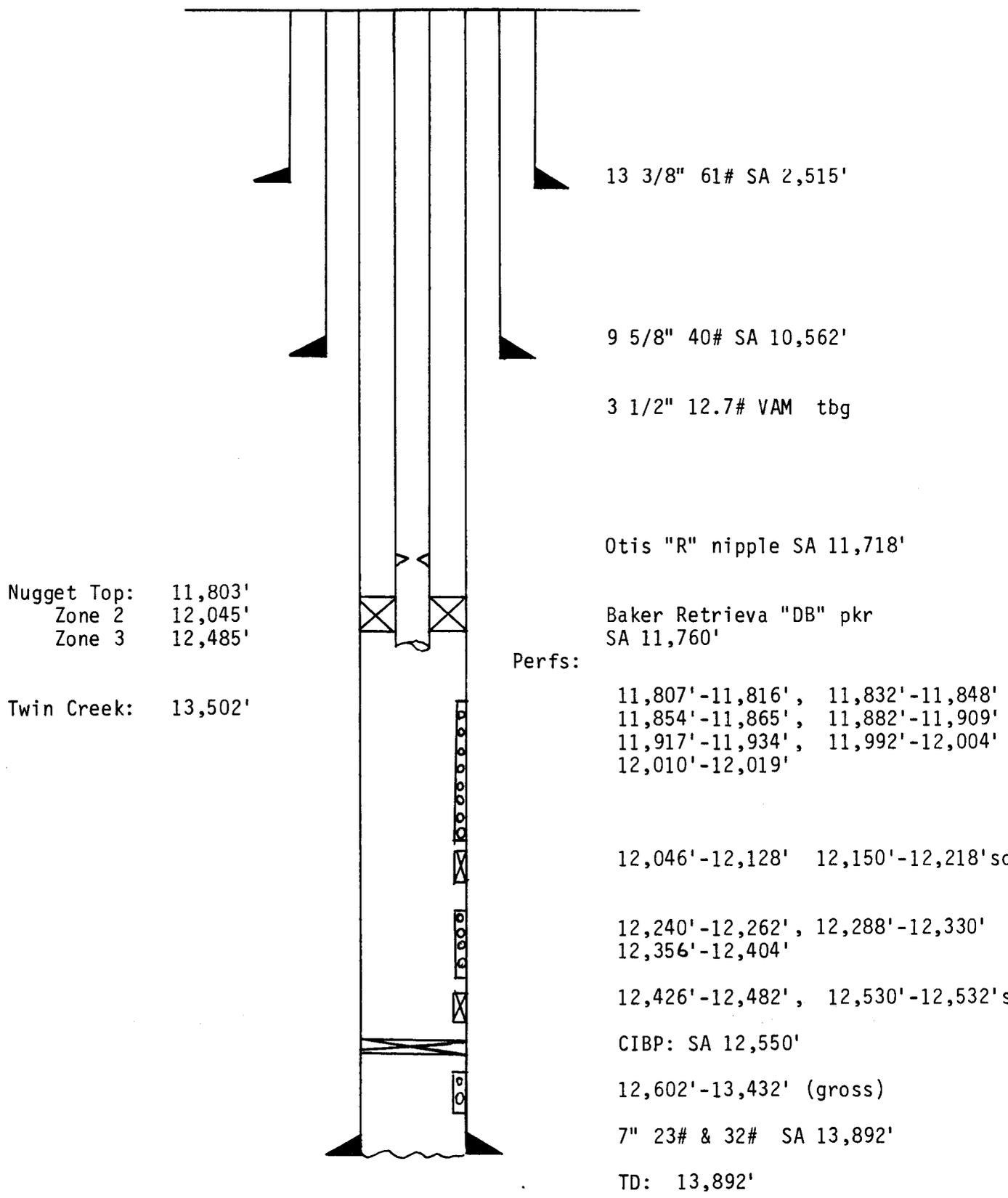
lithology - limestone
thickness - 1,474'
top - 10,330'

Nugget:

lithology - sandstone
thickness - 2,072'
top - 11,804'

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM
ARE W29-02

662' FNL 2460' FEL Sec 29 T4N R8E Summit County, Utah 7626' KB 7595' GL



Cement Bond Log Evaluation of ARE W29-02

Excellent cement bond from TD to 13,360'
(Twin Creek into bottom of the Nugget)

Mostly fair cement bond with some excellent bonding from 13,360'
to 11,110'
(Nugget and into Twin Creek)

well



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 9, 1985

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

Gentlemen:

RE: UIC-065

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

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 19th day of August. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

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

Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie L. Larson
for
MARJORIE L. LARSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 9, 1985

Park City Record
Legal Advertising
P.O. Box 3688
Park City, Utah 84060

Gentlemen:

RE: UIC-065

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

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 19th day of August. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

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

Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie L. Larson
for
MARJORIE L. LARSON
Administrative Assistant

mfp
0045A

UIC-065

Publication was sent to the following :

Utah State Department of Health

U.S. Environmental Protection Agency

Bureau of Land Management

Amoco Production Company, USA

Newspaper Agency

Park City Record


August 9, 1985

PROOF OF PUBLICATION



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

I, Mary Balliette

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

Receptionist of The Park Record, a week-

ly newspaper of general circulation, published once each week at

Park City, Utah, that the notice attached hereto and which is a

Cause No. UIC-065

was published in said newspaper for one con-

secutive issues, the first publication having been made on the

15th day of August, 1985, and the last

on the 15th day of August, 1985, that said

notice was published in the regular and entire issue of every number

of the paper during the period and times of publication, and the same

was published in the newspaper proper and not in any supplement.

Mary Balliette

Subscribed and sworn to before me this 16 day of

August, 1985

Susan Davis
Notary Public

My commission expires October 17th, 1987.

RECEIVED

AUG 20 1985

DIVISION OF OIL
GAS & MINING

Notice of approval for well

LEGAL NOTICE
BEFORE THE DIVISION OF OIL, GAS
AND MINING
DEPARTMENT OF NATURAL
RESOURCES
STATE OF UTAH
CAUSE NO. UIC-065

IN THE MATTER OF THE
APPLICATION OF AMOCO
PRODUCTION COMPANY, USA, FOR
ADMINISTRATIVE APPROVAL OF
THE ARE W29-02 WELL, LOCATED IN
SECTION 29, TOWNSHIP 4 NORTH,
RANGE 8 EAST, SUMMIT COUNTY,
UTAH, AS A CLASS II GAS
INJECTION WELL.

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

Notice is hereby given that Amoco

Production Company, USA, P.O. Box
829, Evanston, Wyoming 82930, has
requested administrative approval of
ARE W29-02 well, located 662' FNL to
2460' FEL (NWNE) of Section 29
Township 4 North, Range 8 East,
Summit County, Utah as a Class II
gas injection well.

The proposed operating data for
the well is as follows:

Injection Interval: Nugget
Formation 11,803' to 13,502'
Maximum Estimated Surface
Pressure: 6100 psig
Maximum Estimated Water
Injection Rate: 50 MMSCFD

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

DATED this 6th day of August,
1985.

State of Utah
Division of Oil, Gas and Mining
Marjorie L. Anderson
Administrative Assistant
Published in the Park Record on
August 15, 1985.

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-066
OF AMOCO PRODUCTION COMPANY, USA, :
FOR ADMINISTRATIVE APPROVAL OF :
THE ARE W29-02 WELL, LOCATED :
IN SECTION 29, TOWNSHIP 4 NORTH, :
RANGE 8 EAST, SUMMIT COUNTY, :
UTAH, AS A CLASS II GAS :
INJECTION WELL :

---oo0oo---

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

Notice is hereby given that Amoco Production Company, USA, P.O.
Box 829, Evanston, Wyoming 82930, has requested administrative
approval of ARE W29-02 well, located 662' FNL to 2460' FEL (NWNE) of
Section 29 Township 4 North, Range 8 East, Summit County, Utah as a
Class II gas injection well.

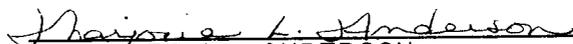
The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 11,803' to 13,502'
Maximum Estimated Surface Pressure: 6100 psig
Maximum Estimated Water Injection Rate: 50 MMSCFD

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

DATED this 6th day of August, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 4, 1985

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

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-065

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

ARE W29-02
Section 29, Township 4 North, Range 8 East
Summit County, Utah

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

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

Best regards,

A handwritten signature in black ink, appearing to read 'Dianne R. Nielson'.

Dianne R. Nielson
Director

mfp
7627U



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

March 25, 1986

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

Gentlemen:

RE: Status of Various Permitted Injection Wells

According to our records, we have not received a notice advising us as to the injection status of the wells listed below.

Anschutz Ranch East W36-14, Sec. 36, T4N, R7E, Summit County, Utah
Anschutz Ranch East W29-02, Sec. 29, T4N, R7E, Summit County, Utah
Anschutz Ranch East W2-10, Sec. 2, T3N, R7E, Summit County, Utah

In order to update our records we would appreciate information indicating the status of these wells.

Thank you in advance for your cooperation. If you have any questions please don't hesitate to call or write our office.

Sincerely,

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

Marlayne Poulsen
UIC Secretary

mfp
0054U-1



Amoco Production Company

April 1, 1986

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

RECEIVED
APR 03 1986

DIVISION OF
OIL, GAS & MINING

Dear Ms Poulsen:

In reference to your letter of March 25, 1986, "Status of Various Permitted Injection Wells".

The following wells are presently injecting:

A.R.E. W36-14, Sec. 36, ~~T4N~~, R7E, Summit County, UT

A.R.E. W29-02, Sec. 29, T4N, R7E, Summit County, UT

A.R.E. W2-10, Sec. 2, T3N, R7E, Summit County, UT

Also, the A.R.E. W19-08 has been put on injection since our last correspondence.

Should you have further questions regarding the above wells please contact Dan N. Poulson of this office at 307-789-1700 x 2368.

Thank you,

Louis F. Lozzie
Administrative Supervisor

/kg



Amoco Production Company

April 1, 1986

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

RECEIVED
APR 03 1986

DIVISION OF
OIL, GAS & MINING

Dear Ms Poulsen:

In reference to your letter of March 25, 1986, "Status of Various Permitted Injection Wells".

The following wells are presently injecting:

A.R.E. W36-14, Sec. 36, T4N, R7E, Summit County, UT

A.R.E. W29-02, Sec. 29, T4N, R7E, Summit County, UT

A.R.E. W2-10, Sec. 2, T3N, R7E, Summit County, UT

Also, the A.R.E. W19-08 has been put on injection since our last correspondence.

Should you have further questions regarding the above wells please contact Dan N. Poulson of this office at 307-789-1700 x 2368.

Thank you,

Louis F. Lozzie
Administrative Supervisor

/kg

ROUTING/ACTION FORM

4-4

SEQ	NAME	ACTION	INITIAL
	NORM		24
1	TAMI	FYI	
2	VICKY	FYI	UC
3	CLAUDIA STEPHANE CHARLES	1 - TAKE OFF TAD - USE REMARKS ETC put in history	g
4	RULA MARY ALICE CONNIE MILLIE RON JOHN GIL	2 (WHOLE FILE IF NOT ALREADY FILMED)	Sam
5	PAM	9 - IN HANGING FILE ?	pl

NOTES:

This is our first well file custody transfer under the new system. Please think it through. A notice of injection takes the well from the status of a gas well which has been approved for injection, to an actual injection well. Marlingma has replaced the attached

card file with a new injection card, and has taken custody of the well file. Our actions should close the well out of our custody, and reference UIC custody. It should be filmed, data entered, etc, and put to bed. Please see me if we're overlooking something.

ACTION CODE

1. DATA ENTER
2. FILM
3. POST
a. CARD FILE
b. FILE LABEL
c. LISTS
4. FILE
5. RELOCATE FILE OR CARD
6. DECISION
7. PREPARE LETTER
12. OTHER - SEE NOTES



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

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

DIVISION OF
OIL, GAS & MINING

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

Attn: Claudia Jones

Dear Claudia:

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

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SEnw, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16-60 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17-1216?	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043-95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SEnw, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SEnw, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, Sec 30, T4N, R8E

Production wells (cont.)

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

Injection wells

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

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

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

Thank you,

R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

610

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
JUN 08 1990

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P.O. Box 800 - Rm 1846, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
662' FNL, 2460' FWL NW/4 NE/4

14. PERMIT NO.
43-043-30136

15. ELEVATIONS (Show whether OF, ST, CR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME

9. WELL NO.
29-02

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., N., OR BLE. AND SURVEY OR AREA
Sec. 29, T4N-R7E

12. COUNTY OR PARISH 13. STATE
Summit UT

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

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

Per verbal approval from John Boza (UOGCC) to Reid Smith (Amoco Production Company) on June 4, 1990, Amoco will continue to blow down the backside of the casing daily in the subject well until a rig is available to repair a casing leak. Volume of gas flared is approximately 50 MCFD and a rig is expected to be available within 30-45 days.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6-6-90
BY: [Signature]

OIL AND GAS	
DRN	RJF
JRB	1- GLH
DTS	SLS
1-DME	
2-DME	
MICROFILM	
3-UC FILE	

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

SIGNED J. L. Hampton TITLE Sr. Staff Admin. Supv. DATE 06/06/90
J.L. Hampton

(This space for Federal or State office use)

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

Facsimile Transmission

Addressee's Telecopier Phone

8/9/90

Page 1 of 2

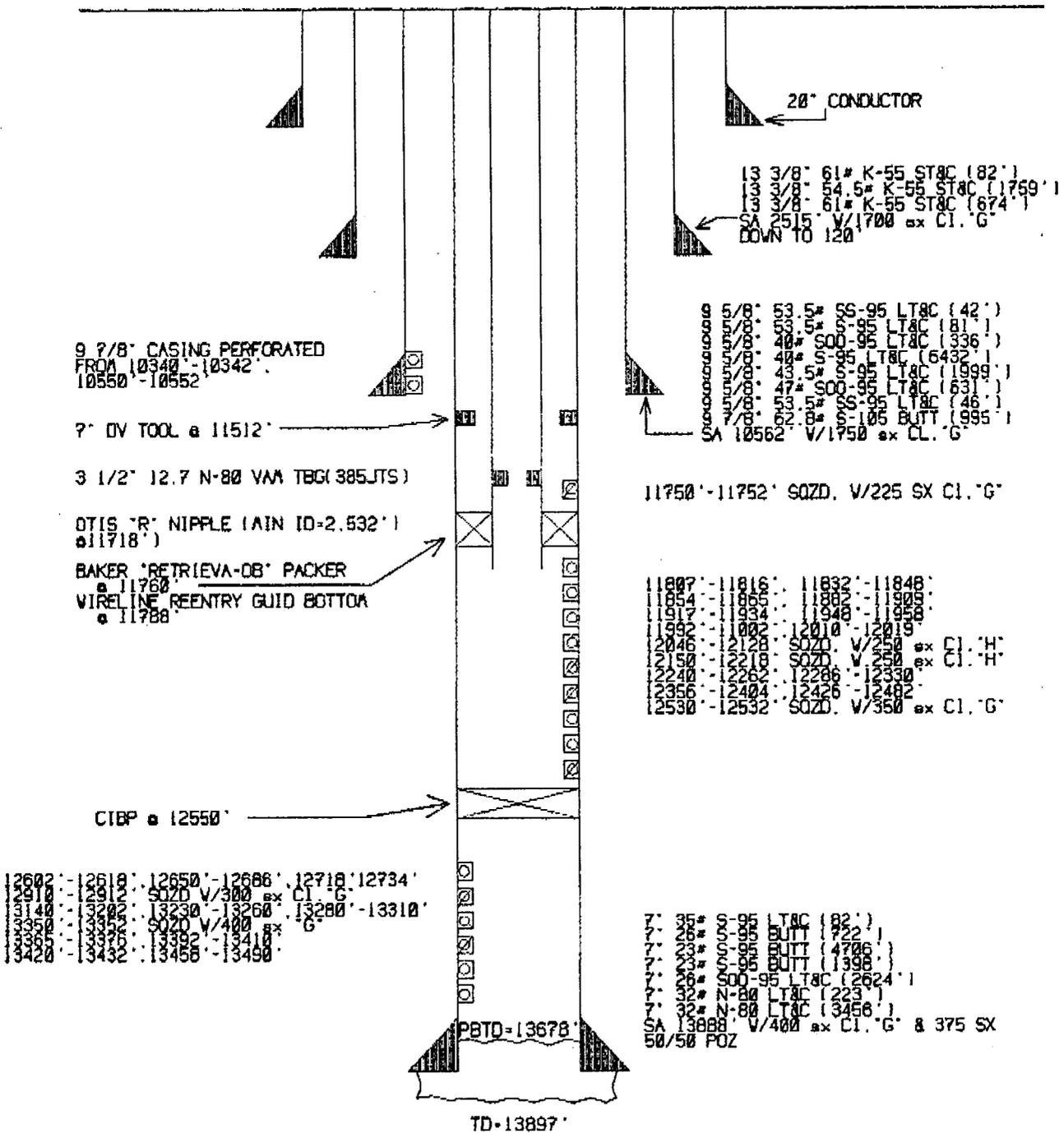
To: <i>John Baza</i>	Company: <i>Utah Oil + Gas</i>	Location: <i>SLC, UT.</i>	Mail Code/Room
From: <i>Bruce Leggett</i>	Company: <i>Amoco</i>	Location: <i>Denver</i>	Mail Code/Room
Initiated By	Department	Approved By	
Typed By	Ext.	Mail Code/Room	<input type="checkbox"/> Call Sender for Pickup of Originals <input type="checkbox"/> Call _____ for Pickup at Receiving Location

*GIW 4304330136
4N 8E 29*

LAST UPDATED:
12/18/89

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W29-02

LOCATION: 652' FNL x 2457' FEL, SEC. 29 T4N R8E
ELEVATION: 7570' G.L. / 7603' K.B.



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 or cement different reservoirs. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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 800 Denver, CO 80201		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 652' FNL X 2457' FEL		8. FARM OR LEASE NAME Anschutz Ranch East W29	
14. PERMIT NO. 43-043-30136 61W		9. WELL NO. 2	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7595' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA Sec. 29-T4N-R8E	
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.)*		12. COUNTY OR PARISH Summit	
18. I hereby certify that the foregoing is true and correct		13. STATE UT	

RECEIVED
AUG 30 1990
DIVISION OF OIL, GAS & MINING

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 checked="" 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.)*

Per verbal approval from John Baza (UOGCC) and Stephen DeSalvo (Amoco Production Company) on August 27, 1990, the following procedure will be used to detect casing leaks and test the subject well.

- Using tubing and packer, pressure test casing at various intervals to locate leak(s).
- If a leak is detected, cement squeeze. Volume of cement will be determined by depth of hole(s).
- Drill out. CIBP at 12,550' and mill out to 13,600'.
- Run production test at intervals from 12,602'-13,490'.
- If satisfactory gas is found, complete well
- If poor quality gas is found, set CIBP at 12,550' and place well on injection.

If any further information is needed, please call S. L. DeSalvo at (303) 830-4131.

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

SIGNED J. L. Hampton J. L. Hampton TITLE Sr. Stf. Admin. Supv. DATE 8/27/90

(This space for Federal or State office use)

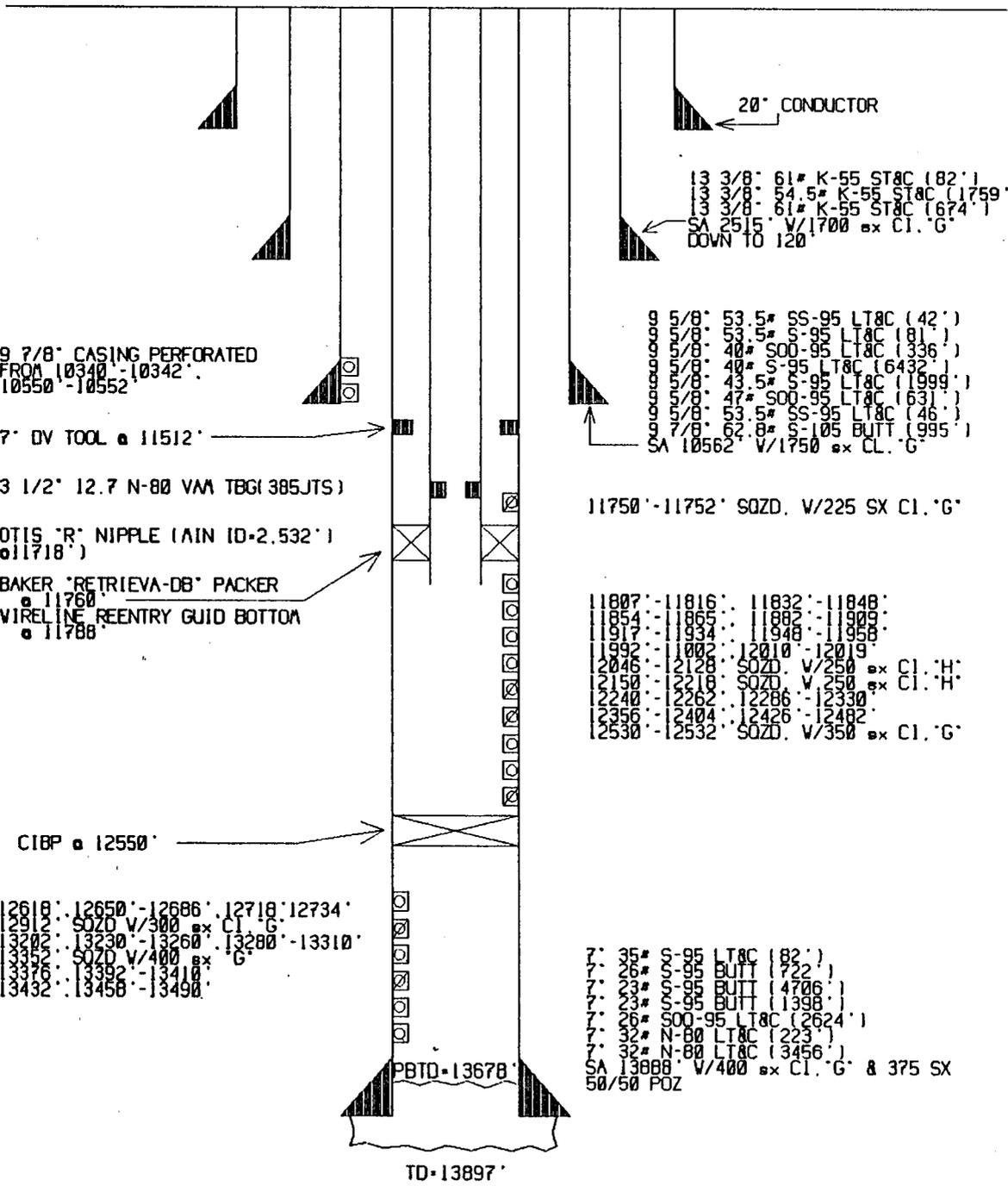
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9-12-90
BY: John R. Baza

LAST UPDATED:
12/18/89

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W29-02

LOCATION: 652 FNL x 2457 FEL, SEC. 29 T4N R8E
ELEVATION: 7570 G.L. / 7603 K.B.



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

SUBMIT IN TRIPLICATE*
(On instructions on reverse side)

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Amoco Production Company <i>GIW</i></p>		<p>7. UNIT AGREEMENT NAME Anschutz Ranch East</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 800; Rm 1846; Denver, CO 80201</p>		<p>8. FARM OR LEASE NAME Anschutz Ranch East W29</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 652' FNL x 2457' FEL</p>		<p>9. WELL NO. 2</p>
<p>14. PERMIT NO. 43-043-30136</p>		<p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p>
<p>15. ELEVATIONS (Show whether SP, RT, OR, etc.) 7595' GR</p>		<p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 29, T4N-R8E</p>
		<p>12. COUNTY OR PARISH Summit</p>
		<p>13. STATE UT</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" 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) _____			

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

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

Amoco Production Company attempted to locate low-nitrogen, low GOR gas in the overturn section, and used the following procedure to detect casing leaks and test the subject well:

1. Using tubing and packer, pressure tested casing at 11,750' - 11,752' intervals to locate leak(s).
2. Drilled out to 13,600'.
3. Ran production test at intervals from 12,602' - 13,490'.
4. Casing leak at 11,750' - 11,752' will be cement squeezed in operations scheduled to commence in April, 1991.

If any further information is needed, please call D.J. Hawkins at (303) 830-4213.

RECEIVED

MAR 15 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED <u><i>J.L. Hampton</i></u>	TITLE <u>Sr. Staff Admin. Supv.</u>	DATE <u>03/08/91</u>
(This space for Federal or State office use)		

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE*
(0 instructions on
reverse side)

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Amoco Production Company</p>		<p>7. UNIT AGREEMENT NAME</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 800; Rm 1846; Denver, CO 80201</p>		<p>8. FARM OR LEASE NAME Anschutz Ranch East W29</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 652' FNL x 2457' FEL, Sec. 29</p>		<p>9. WELL NO. 2</p>
<p>14. PERMIT NO. 43-043-30136 <i>HW</i></p>		<p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p>
<p>15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7595' GR</p>		<p>11. SEC., T., R., M., OR BLE. AND SUBST OR AREA Sec. 29, T4N-R8E</p>
<p>16. PERMIT NO. (continued)</p>		<p>12. COUNTY OR PARISH Summit</p>
<p>16. PERMIT NO. (continued)</p>		<p>13. STATE UT</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input checked="" 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.)*

Amoco Production Company requests authorization to perform a casing repair on the subject well using the following procedure:

1. Cement squeeze from 11750' - 11752' with 150 sx Class H cement.
2. DO to 11,775'. Pressure test casing squeeze to 1500 psi.
3. If necessary, re-perf intervals from 11807' - 12482'.
4. RTI.

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

RECEIVED

APR 15 1991

DIVISION OF
OIL GAS & MINING

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 4-18-91
By: *[Signature]*

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

SIGNED <u>David J. Hawkins for</u>	TITLE <u>Sr. Staff Admin. Supv.</u>	DATE <u>04/12/91</u>
<u>N. Stanesco</u>		

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Gas Injection</p> <p>2. NAME OF OPERATOR Amoco Production Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 800, Rm. 1870, Denver, CO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 652' FNL x 2457' FEL, Sec. 29</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East W29</p> <p>9. WELL NO. 2</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR B.L. AND SUBST OR AREA Sec. 29, T4N-R8E</p> <p>12. COUNTY OR PARISH Summit</p> <p>13. STATE UT</p>
<p>14. PERMIT NO. 43-043-30136</p>	<p>15. ELEVATIONS (Show whether DF, RT, CR, etc.) 7595' GR</p>	

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

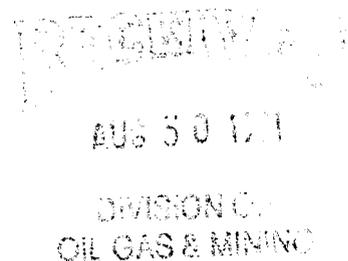
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	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) _____	
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Amoco Production Company performed a casing repair on the subject well using the following procedure:

1. Set cmt. ret@11470'.
2. Cement squeeze from 11750'-11752' with 150 sx Class H cement.
3. DO to 11,775'. Pressure test casing squeeze to 1500 psi.
4. Potential damage to perms was identified.
5. Re-perforated from 11,807' - 11,865' w/4 JSPF.
6. RTI

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



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

SIGNED David J. Hawkins for N. Stanesco TITLE Sr. Staff Admin. Supv. DATE 8/27/91

(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

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 14, 1992

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

Gentlemen:

Re: Pressure Test for Mechanical Integrity, Class II Injection Wells in the Anschutz Ranch East Unit, Summit County, Utah

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R649-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing for the second five year period. Attached is a list of wells which need to be tested according to our records. Please make arrangements and ready the wells for testing during the week of August 10, 1992, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

Page 2
Pressure Test
July 14, 1992

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut in 24 hours prior to testing.

Please contact Mr. Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,



Gil Hunt
UIC Program Manager

ldc
Attachment
WOI52

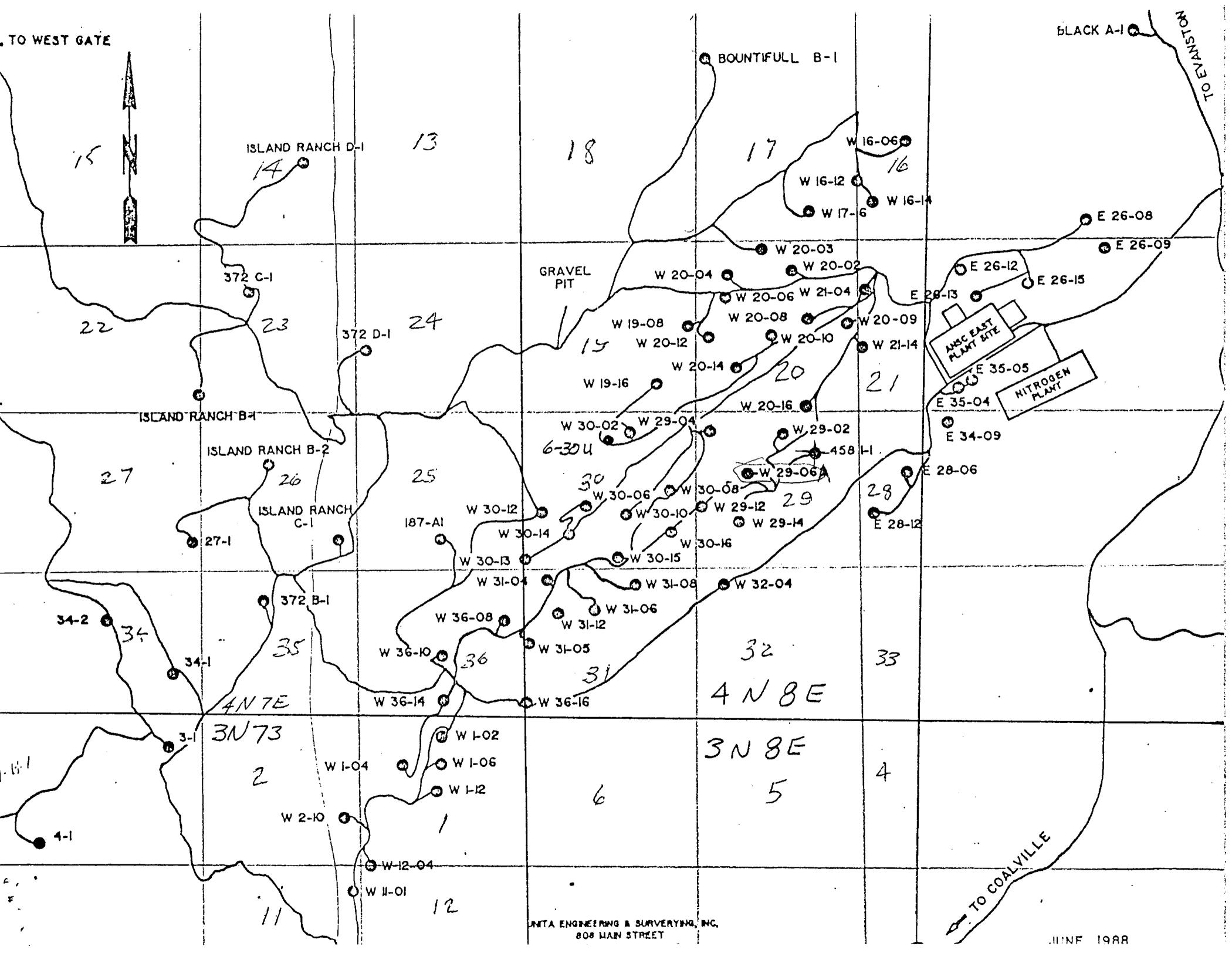
88

WELLS TO BE TESTED

#W20-02
W29-02
W29-12
W29-14A
W02-10
W16-14
W19-08
W20-08
W20-14
W30-08
W30-14
W36-08
W31-05

TO WEST GATE

BLACK A-1
TO KANSTON



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INJECTION WELL - PRESSURE TEST

TEST DATE: 8-11-92 WELL OWNER/OPERATOR: Amoco-Rockmount
DISPOSAL WELL: ENHANCED RECOVERY WELL: OTHER:
API NO: 43-043-30136 WELL NAME/NUMBER: AREU W 29-02
SECTION: 29 TOWNSHIP: 4N RANGE: 8E

INITIAL CONDITIONS:

TUBING - rate: pressure: 5100
CASING/TUBING ANNULUS - pressure: 350

CONDITIONS DURING TEST:

TUBING pressure: 5100 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1100 psi 15 min
annulus pressure drop during test: No psi

CONDITIONS AFTER TEST:

TUBING pressure: 5100 psi
CASING/TUBING ANNULUS pressure: 350 psi

REMARKS:

Russell S. Dranger
OPERATOR REPRESENTATIVE

John L. Brown
DOGM WITNESS

12

1

2

3

4

5

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7

8

9

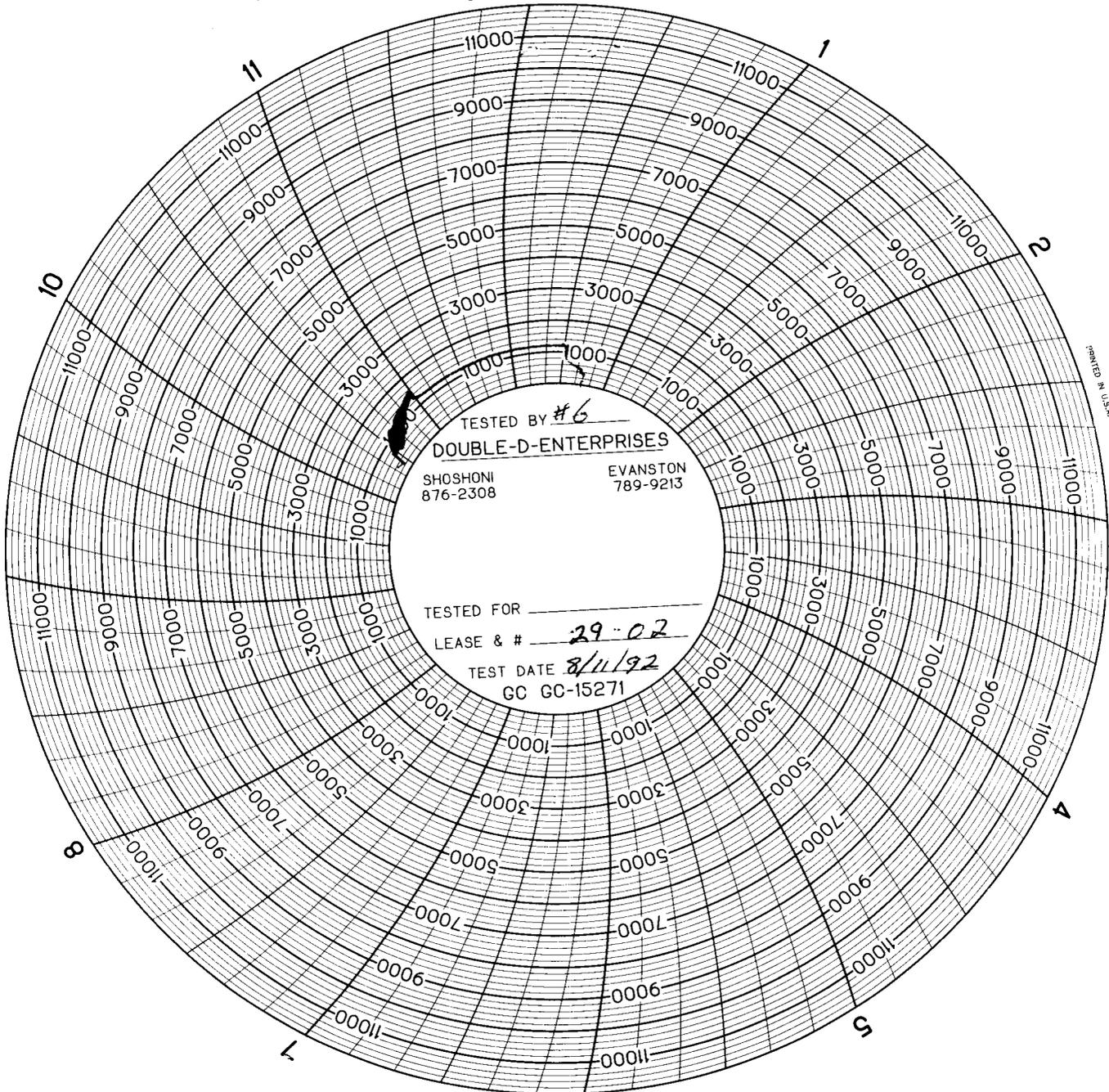
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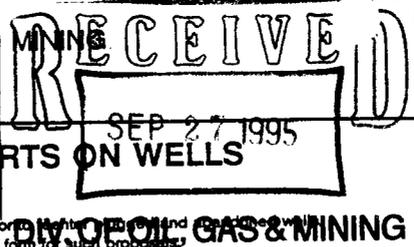
11

PRINTED IN U.S.A.

TESTED BY #6
DOUBLE-D-ENTERPRISES
 SHOSHONI 876-2308 EVANSTON 789-9213

TESTED FOR _____
 LEASE & # 29-02
 TEST DATE 8/11/92
 GC GC-15271





SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Anschutz Ranch East

8. Well Name and Number:

ARE W29-02

9. API Well Number:

43-043-30136

10. Field and Pool, or Wildcat:

West Nugget

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Amoco Production Company

3. Address and Telephone Number:

P.O. Box 800, Room 2195, Denver, CO 80201

4. Location of Well 652' FNL x 2457' FEL
Footages: 652' FNL x 2457' FEL

County: Summit

State: Utah

QQ, Sec., T., R., M.: NW/4 NE/4 Sec. 29-T4N-R8E

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

Amoco Production Company requests permission to perform the following procedure to open Overturn:

1. MIRUSU, Kill well w/2% KCL.
2. Pull tbg. & pkr.
3. Remove CIBP at 12,574'.
4. Perf intervals w/HJ 11, 4" gun w/22 gram charges and an entry hole of .44". Intervals to be perf'd are: 12,046'-12,128', 12,150'-12,218', 12,810'-12,850', 12,880'-12,908', 12,922'-12,942', 12,962'-12,982', 13,004'-13,046', 13,060'-13,110. Treat w/7 1/2 % HCL w/approp. additives.
5. Set packet at 11,485'. Pressure test at 1500 psi.
6. Rig down and return well to production.

If you need any additional information, please call Rick Ross (303) 830-4952 (Project Engineer) or Sheryl Lebsack (303) 830-5523.

13.

Name & Signature:

Title: Permitting Representative Date: 9/22/95

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9-27-95
BY: [Signature]

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: FEE
2. Name of Operator: Amoco Production Company		6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201		7. Unit Agreement Name: Anshcutz Ranch East
4. Location of Well Footages: 662' FNL x 2460' FEL QQ, Sec., T., R., M.: Sec 29 T4N-R8E NW/4 NE/4		8. Well Name and Number: W29-02
		9. API Well Number: 43-043-30136
		10. Field and Pool, or Wildcat: West 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 _____ Report results of Multiple Completions and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input 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 Nugget pay in the subject well using the following procedure:

1. Drill out CIBP set @ 12,574'.
2. CO to 13,590'.
3. Perforate additional pay from 12,046'-12,128', 12,150'-12,218', 12,810'-12,850', 12,880'-12,908', 12,922'-12,942', 12,962'-12,982', 13,004'-13,046', 13,060'-12,110'.
4. Set packer 11,485'.
5. Return well to production in December 1995 at a rate of ~~30~~¹⁶ MCFD, ~~350~~¹⁷⁰ BOPD, and ~~95~~⁶⁵⁰ BWPD.

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)

WC tax credit review - 6/97, 10/97

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Fee
2. Name of Operator: Amoco Production Company		6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: P.O. Box 800, Rm. 1805E, Denver, CO 80201 (303)830-4728		7. Unit Agreement Name: ANSCHUTZ RANCH EAST
4. Location of Well Footages: 662' FNL, 2460' FEL, OO, Sec., T., R., M.: NW/4 NE/4 Sec 29 T4N, R8E		8. Well Name and Number: 29-02
		9. API Well Number: 49-043-30136
		10. Field and Pool, or Wildcat: WEST NUGGET
		County: SUMMIT State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input checked="" type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>STATUS UPDATE</u> | |

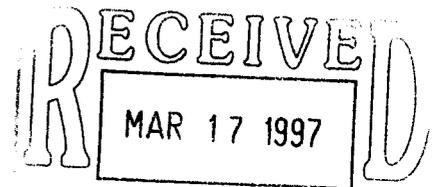
Date of work completion _____

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.)

THE SUNDRY NOTICE DATED FEBRUARY 16, 1996 IS INCORRECT. THE WELL DID NOT RETURN TO PRODUCTION UNTIL JUNE, 1996. IF YOU REQUIRE ANY ADDITIONAL INFORMATION, PLEASE CONTACT ED HADLOCK AT (303) 830-4993.



13. Name & Signature: Ed Hadlock Title: BUSINESS ANALYST Date: 01/13/97

(This space for State use only)

WO tax credit review - 6/97, 10/97

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

UTAH ACCOUNT NUMBER: N1390

DEMETRIA MARTINEZ
 AMOCO ROCMOUNT COMPANY
 PO BOX 800
 DENVER CO 80201

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

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

COMMENTS: _____

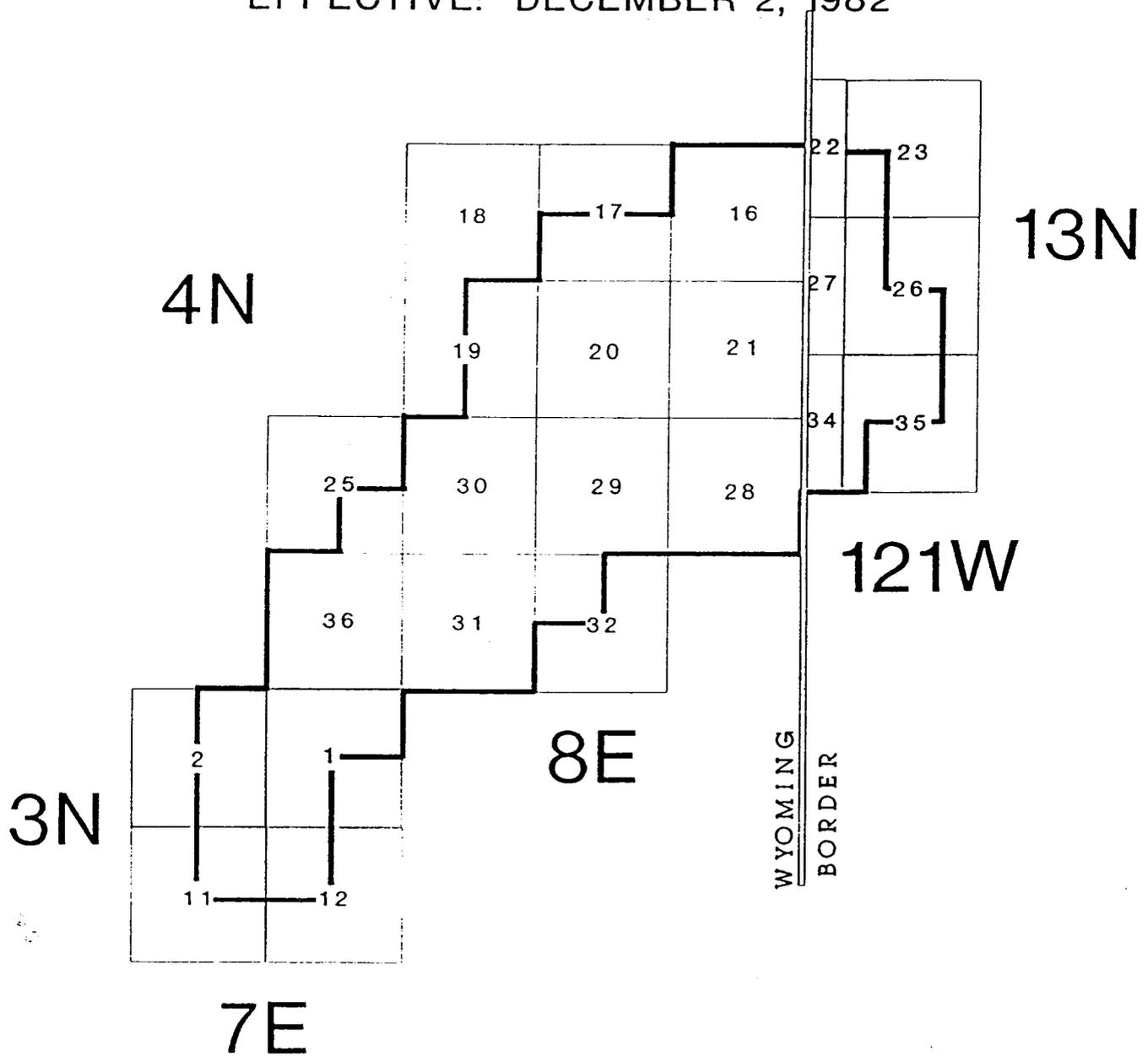
I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



— UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

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

7. Unit Agreement Name:
W29-02

8. Well Name and Number:

9. API Well Number:

43-043-30136

10. Field and Pool, or Wildcat:

West Nugget

Type of Well: OIL GAS OTHER:

Name of Operator:
Amoco Production Company

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

Location of Well
Footages: 662' FNL, 2460' FEL

CO, Sec., T., R., M.:
Sec 29, T4N, R8E

County: Summit
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____

- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____

- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

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

Name & Signature: Gigi Martinez

Title: Permit Agent

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 Hadlock
Amoco Prod. Co
303-830-4993*

CERTIFICATE OF DISSOLUTION
OF
AMOCO ROCMOUNT COMPANY

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

DOES HEREBY CERTIFY:

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

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

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

DIRECTORS

NAMES

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 Rebecca S. McGee
Assistant Secretary

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

STATE OF COLORADO)
)
CITY OF DENVER) ss.

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

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

Sheryl A. White
Notary Public



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

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

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

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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-REC
2-GRH	7-KAS
3-FBS	8-SI
4-VLD	9-FILE
5-JRB	

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

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

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

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

*ANSCHUTZ RANCH EAST UNIT

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-043-30136</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

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

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

FORM 6

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Identification and Map Number
FEE
6. If Initial, Abandon or Type Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for operations on old non-work, ocean, existing wells, or to modify plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR OPERATE form for such purposes.

7. Well Agreement Name:
Anschutz Ranch East

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
ARE W29-02

2. Name of Operator:
Amoco Production Company

9. API Well Number:
430433013600

3. Address and Telephone Number (Ph: (28) 346-5798)
501 Westlake Park Blvd, Houston, TX 77253-3092

10. Field and Pool, or Wellbore:
Anschutz Ranch East

4. Location of Well
Section: **29** TWP: **4N** RGE: **8E**
662
3460

County: **Summit**
State: **Utah**

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

NOTICE OF INTENT
(Submit to Division)

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other **Pull Completion - Flow up casing**
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

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

Approximate date work will start: **June 26, 2000**

Date of work completion: _____

Report results of Multiple Completions and Reperforations to ensure accuracy on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a course verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (clearly state all pertinent details, and give pertinent data, if well is operationally drilled, give wellbore casing and intervals and the vertical depth for all perforations and screen positions in this work.)

- Following the continued success of tubing pulls at ARE we plan to pull the completion on W29-02.

- Please see attached procedure

13.

Name & Signature: _____

Title: **Operations Engineer** Date: **6/7/00**

(This space for field use only)

APPROVED

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: **6-8-00**

COPY SENT TO OPERATOR
Date: **6-8-00**
Initials: **C.N.R.**

(See instructions on Reverse Side)

(1/99)

Workover Procedure Anschutz Well No. W29-02

Location: Section 29, T04N-R08E

County: Summit

State: Utah

Objective: Separate the tubing string from the completion and remove the string without losing water to the formation with workover rig.

Caution: Please review well history and completion diagram in detail before proceeding.

Conduct all pre-workover safety meetings.

NOTE: Xmas tree is to be completely refurbished and tested. A second valve is to be installed on the wellhead annular outlet while the well is dead with downhole plugs in place. This is to provide double barrier protection with rigging up lines to the annulus.

1. Rigup workover rig, two tanks (500 bbls each), piping, annulus manifold, and pumps for pumping kill weight fluid (water) down the annulus and tubing if necessary. (Have Xmas tree sent in for complete rebuild.)
2. Shut well in and shutoff chemical injection (if applicable).
3. Rig up Schlumberger electric line unit and lubricator. Rig up Nitrogen tanks and pumps. Tie in N2 to the casing and tubing annulus. Pressure test all lines to 3000 psi for 5 minutes. Pressure test lubricator to 3000 psi for 5 minutes.
4. RIH with electric line, CCL, and set plug in the "R" nipple just above seal assembly (12,464 ft). RIH and sting in with equalizing prong
5. RIH with electric line with sleeve tool. Shift tool to closed position. Check if pressure is holding.
6. RIH with electric line, CCL, and set plug in the "R" nipple just above sliding sleeve (11,824 ft). RIH and sting in with equalizing prong
7. Run in hole with tubing hole punch. Punch hole just above packer (11,485 ft). Before hole punch fill tubing with fresh water to minimize shock of pressure change.
8. Begin pumping down the tubing with nitrogen displacing water up the annulus to a 500 bbl holding tank until the tubing and annulus are near dry. Leave enough clean water in the casing to balance well pressure (acts as second barrier) and to keep pressure on packer to prevent shearing. Rig down N2 equipment.

9. Bleed nitrogen pressure off the annulus. Check well for flow.
10. Set two bridge plugs above hole punched in tubing.
11. Bleed nitrogen pressure off the annulus. Check well for flow.
12. Rig up snubbing unit.
13. Pull out of hole with the tubing string laying down in singles. Allow pipe pressure to bleed down at the hole punch. Hot tap piping just under sliding sleeve to ensure no pressure in piping.
14. Rig down snubbing unit.
15. Rig up Weatherford e-line and caliper. Run 40 arm caliper (tool OD 3.55") from 12,495 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext 5798.
16. Rigup lubricator with 6 ft completion inside. Pressure test lubricator RIH with centralized wireline re-entry guide, Otis 2.562" "R" nipple and hanger. (Provides double barrier protection for surface seals.)
17. Land and tighten hanger. Rig down. Place well on production.

NOTE: Any time lubricator connection is broken lubricator must be retested to 3000 psi for 5 minutes.

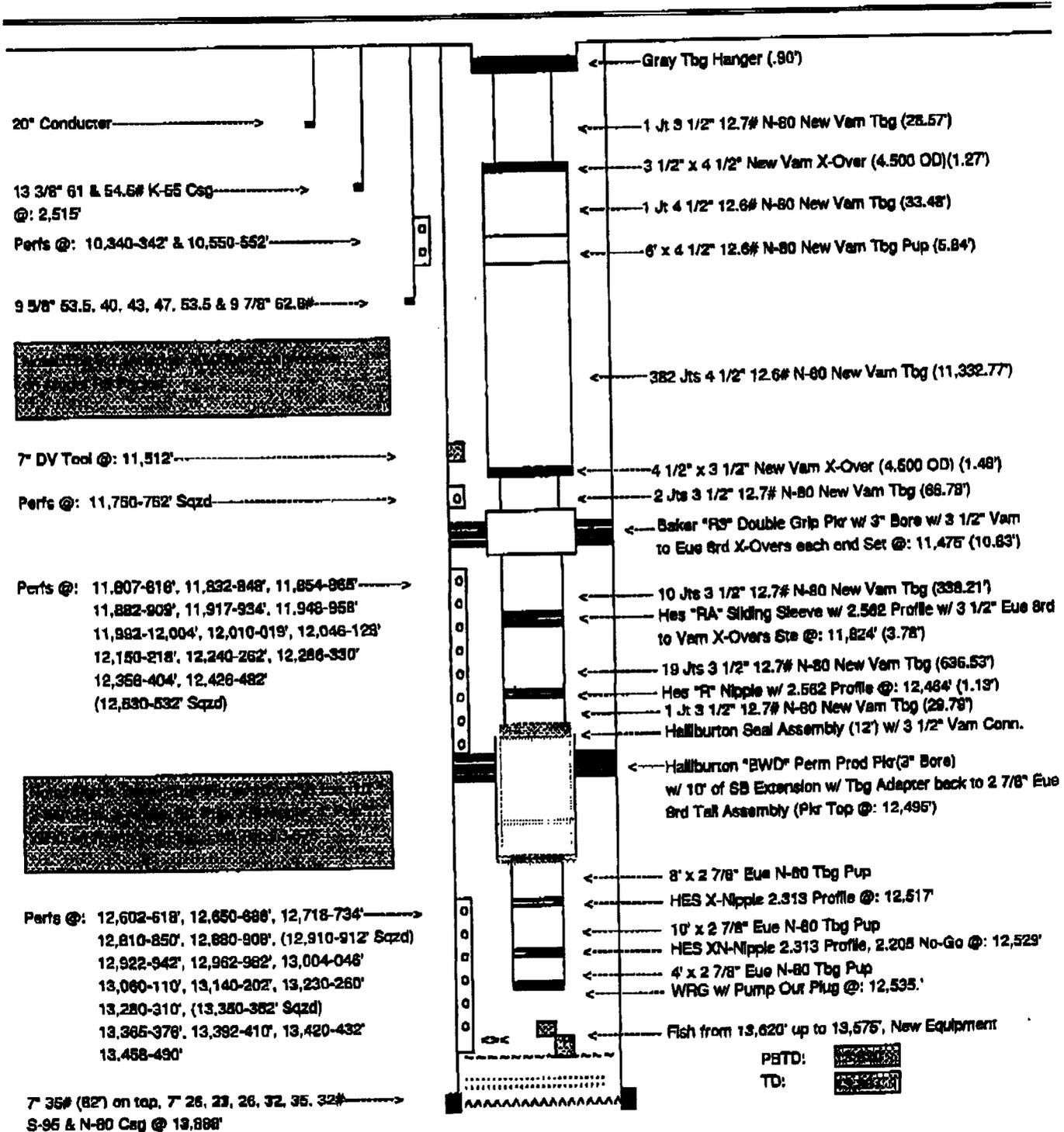
WELLBORE SCHEMATIC

FIELD: Anschutz Ranch
WELL: ARE W29-02
OPERATOR: Amoco

UPDATED: [REDACTED]
BY: Caldwell
KB: [REDACTED]

SEC: 29 TWP: 4N RGE: 8E

GRD LVL: 7.595' KB ELE: 7,626.6



BP Amoco**FACSIMILE TRANSMISSION**

To: State of Utah Department of Natural Resources Division of Oil, Gas, and Mining Attention: Bob Krueger Fax No.: 801-359-3940	From: Jon Lowe BP Amoco Exploration Western U.S. Gas Business Unit P.O. Box 3092 Houston, Texas 77253-3092 Telephone: 281-366-5798 Reply Fax: 281-366-7937
Date: June 7, 2000	No. of Pages Including Cover: 13

Please see attached

Thank you,

Jon Lowe

This communication is intended for the use of the party to which it is addressed and may contain information that is privileged or confidential under applicable law. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is not permitted. If you have received this communication in error, please notify us immediately and then destroy this communication. Thank you.

:/Vathaway.doc

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
FEE

6. If Inmate, Address or Tribe Name:

7. Unit Agreement Name:
Anschutz Ranch East

8. Well Name and Number:
ARE W29-02

9. API Well Number:
430433013600

10. Field and Pool, or Widener:
Anschutz Ranch East

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: **Amoco Production Company**

3. Address and Telephone Number: Ph: (281) 366-5798
501 Westlake Park Blvd, Houston, TX 77253-3092

4. Location of Well: **662' FNL x 2460' FEL**
Footage:

OO, Sec., T., R., M.: **Section: 29 TWP: 4N R6E: 8E**

Casey: **Summit**
State: **Utah**

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandon

Repair Casing

Change of Plans

Convert to Injection

Fracture Treat or Acidize

Multiple Completion

Other

New Construction

Pull or Alter Casing

Recomplete

Reperforate

Vent or Flare

Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandon

Repair Casing

Change of Plans

Convert to Injection

Fracture Treat or Acidize

Other: **Pull Completion - Flow up casing**

New Construction

Pull or Alter Casing

Reperforate

Vent or Flare

Water Shut-Off

Date of work completion **July 15, 2000**

Report results of Multiple Completions and Reconnections to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT 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 data. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- Please see attached procedure and wellbore diagram

13. Name & Signature: *Jon Lowe* Title: Operations Engineer Date: 10/13/00

(This space for State use only)

APPROVED
The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: 10-24-00 (See Instructions on Reverse Side)

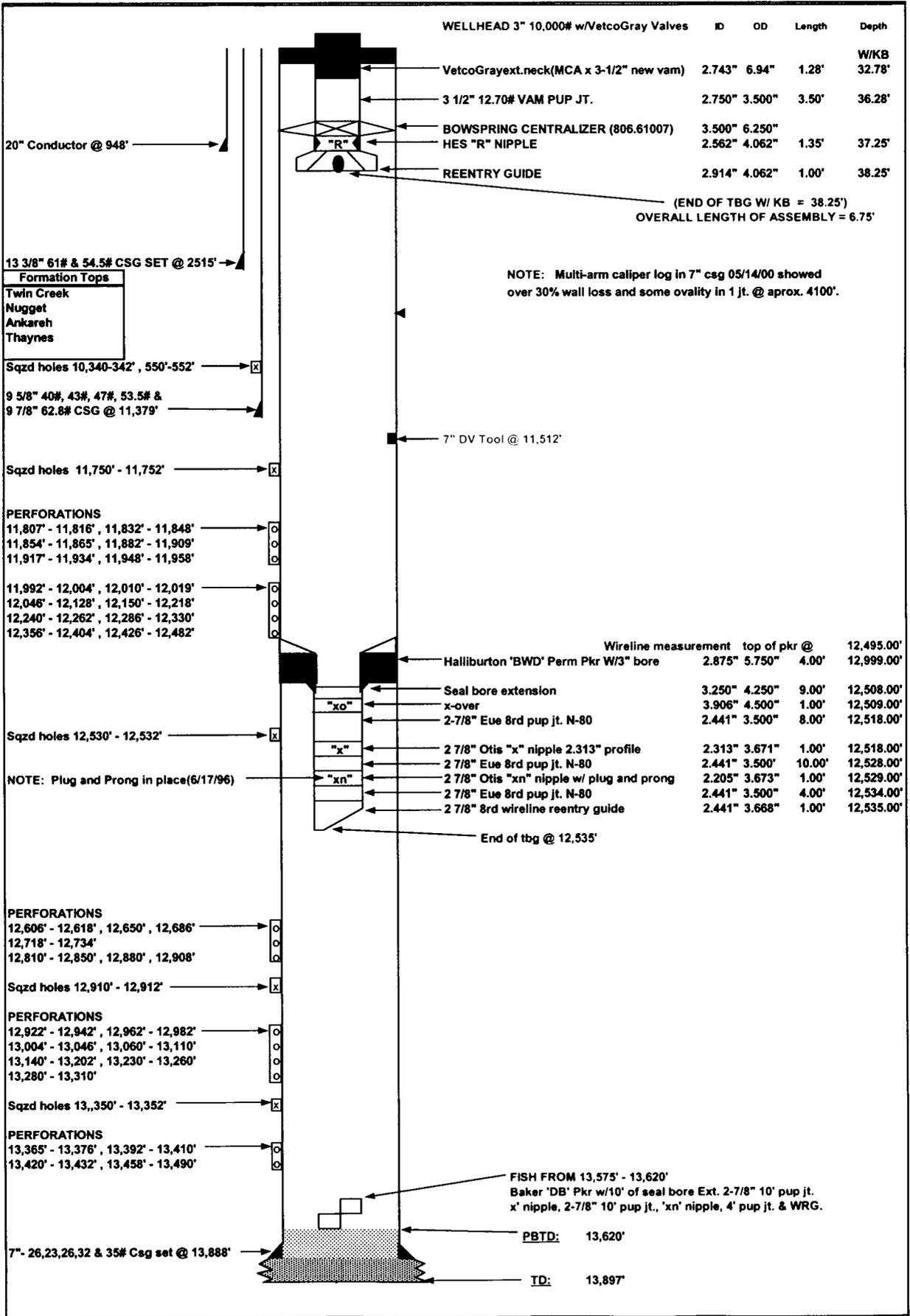
10-24-00
CJW

BP AMOCO
 UPDATED: 7/15/2000
 Submitted by: M. Olson

WELLBORE DIAGRAM

Field: Anschutz Ranch
 Well: W 29-02
 SEC: 29 TWP: 4N RGE: 8E

K.B. = 7626.5' GL = 7595' K.B. 31.5 FT.



Workover Procedure Anschutz Well No. W29-02

Location: Section 29, T04N-R08E

County: Summit

State: Utah

Objective: Pull the tubing string and completion without losing water to the formation.

Caution: Please review well history and completion diagram in detail before proceeding.

Conduct all pre-workover safety meetings.

NOTE: Xmas tree is to be completely refurbished and tested. A second valve is to be installed on the wellhead annular outlet while the well is dead with downhole plugs in place. This is to provide double barrier protection with rigging up lines to the annulus.

1. Rigup workover rig, two tanks (500 bbls each), piping, annulus manifold, and pumps for pumping kill weight fluid (water) down the annulus and tubing if necessary. (Have Xmas tree sent in for complete rebuild.)
2. Shut well in and shutoff chemical injection (if applicable).
3. Rig up Schlumberger electric line unit and lubricator. Rig up Nitrogen tanks and pumps. Tie in N2 to the casing and tubing annulus. Pressure test all lines to 3000 psi for 5 minutes. Pressure test lubricator to 3000 psi for 5 minutes.
4. RIH with electric line, CCL, and set plug in the "R" nipple just above seal assembly (12,464 ft). RIH and sting in with equalizing prong
5. RIH with electric line with sleeve tool. Shift tool to closed position. Check if pressure is holding.
6. RIH with electric line, CCL, and set plug in the "R" nipple just above sliding sleeve (11,824 ft). RIH and sting in with equalizing prong
7. Run in hole with tubing hole punch. Punch hole just above packer (11,485 ft). Before hole punch fill tubing with fresh water to minimize shock of pressure change.
8. Begin pumping down the tubing with nitrogen displacing water up the annulus to a 500 bbl holding tank until the tubing and annulus are near dry. Leave enough clean water in the casing to balance well pressure (acts as second barrier) and to keep pressure on packer to prevent shearing. Rig down N2 equipment.
9. Bleed nitrogen pressure off the annulus. Check well for flow.
10. Set two bridge plugs above hole punched in tubing.

11. Bleed nitrogen pressure off the annulus. Check well for flow.
12. Rig up snubbing unit.
13. Pull out of hole with the tubing string laying down in singles. Allow pipe pressure to bleed down at the hole punch. Hot tap piping just under sliding sleeve to ensure no pressure in piping.
14. Rig down snubbing unit.
15. Rig up Weatherford e-line and caliper. Run 40 arm caliper (tool OD 3.55") from 12,495 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext 5798.
16. Rigup lubricator with 6 ft completion inside. Pressure test lubricator RIH with centralized wireline re-entry guide, Otis 2.562" "R" nipple and hanger. (Provides double barrier protection for surface seals.)
17. Land and tighten hanger. Rig down. Place well on production.

NOTE: Any time lubricator connection is broken lubricator must be retested to 3000 psi for 5 minutes.

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

FORM 9

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

 Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.

 Also attached for the Board's file is a copy of the Board Resolution approving the name change.

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

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

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

§
§
§
§

CERTIFICATE

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

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

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

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

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

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

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

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



WHEREAS all officers and directors of Company will remain unchanged.

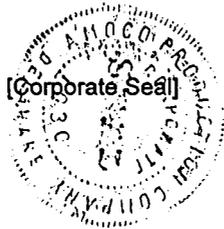
NOW, THEREFORE, BE IT,

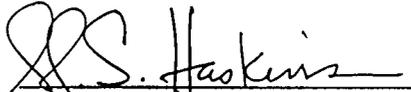
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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

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

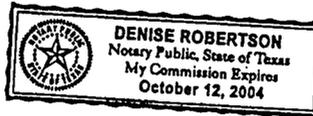
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

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

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

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

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

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

CA No.

Unit: ANSCHUTZ RANCH EAST

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ANSCHUTZ RANCH EAST W20-02	43-043-30228	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-03	43-043-30291	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-04	43-043-30238	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-06	43-043-30159	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-09	43-043-30286	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-10	43-043-30229	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-12	43-043-30220	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST E21-14	43-043-30130	4540	21-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W21-04	43-043-30135	4540	21-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST E28-06	43-043-30226	4540	28-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST E28-12	43-043-30257	4540	28-4N-8E	FEE	GW	P
ARE 29-04ST1	43-043-30129	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-02	43-043-30136	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-12	43-043-30154	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-06A	43-043-30250	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W29-14A	43-043-30251	4540	29-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-08	43-043-30183	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-10	43-043-30215	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-14	43-043-30185	4540	30-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-16	43-043-30156	4540	30-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

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

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/14/2001
4. Is the new operator registered in the State of Utah: YES Business Number: PENDING
5. If **NO**, the operator was contacted 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
		10. FIELD AND POOL, OR WILDCAT: See Attached
		COUNTY: See Attached
		STATE: UTAH

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

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

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

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

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

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Fred N. Digm Title V.P.

Signature [Signature] Date 7/1/03

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

SIGNATURE [Signature] DATE 6/26/03

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JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 7/1/2003	
FROM: (Old Operator): N1990-BP America Production Company 501 WestLake Park Blvd Houston, TX 77079 Phone: (281) 366-2000	TO: (New Operator): N4900-Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Phone: (972) 628-1558

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

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: WYW109406X
2. NAME OF OPERATOR: Merit Energy Company		8. WELL NAME and NUMBER: ARE W 29 02
3. ADDRESS OF OPERATOR: 13727 Noel Road, Suite 500 CITY Dallas STATE TX ZIP 75240		9. API NUMBER: 4304330136
PHONE NUMBER: (972) 628-1658		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 662' FNL & 2460' FEL 6th P.M.		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 29 T4N R8E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/24/2009	<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>Installed Gas Lift</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Merit Energy Company installed gas lift on the aforementioned well on 3/24/2009.

CC: BLM - Utah

NAME (PLEASE PRINT) <u>Michal Karam White</u>	TITLE <u>Regulatory Anlayst</u>
SIGNATURE	DATE <u>5/15/2009</u>

(This space for State use only)

RECEIVED
MAY 19 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	8. WELL NAME and NUMBER: ARE W29-02
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	9. API NUMBER: 43043301360000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0662 FNL 2460 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 29 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: 4/29/2014	<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 checked="" type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Rig On-site, Verbal Approval is Requested.

Approved by the Utah Division of Oil, Gas and Mining
Date: April 29, 2014
By: *Derek Duff*

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/29/2014	

Engineer: Max Berglund (office: 972-628-1530 or mobile: 469-964-3758)
Well Name: ARE 29-02
API #: 43-043-30136
KB to GL: 31'
KB: 7,626'
GL: 7,595'
TMD: 13,897'
PBMD: 13,575'

Casing: 13-3/8" Surface Casing, cem. @ 2,515'
9-5/8" Intermediate Casing, 40-62.8#, cem. @ 11,379'
7" Production Casing, 23-35#, cem. @ 13,888'

Perforations: 11,750' – 11,752' (Squeezed)
11,807' – 12,482' (Open Intermittently, see attached well bore diagram)
12,530' – 13,490' (Squeezed)

Procedure:

MIRU and POOH

1. Inspect well location, address safety and procedure concerns with those on location and engineer.
2. MIRU work over rig and all associated equipment.
3. Bleed casing and tubing pressure to zero psi and nipple down wellhead.
4. Install and test BOPE.
5. POOH production string and lay down. Inspect tubing for damage and note issues.

RIH with Packer and Retrievable Bridge Plug

6. PU and RIH with retrievable bridge plug and packer on 2-7/8" tubing (from P&A well 21-14). Before running to depth discuss with engineer if needed to test packer and RBP.
7. Set RBP at 12,230' and packer at 12,035'.

Fluid Level Three Zones and Swab Test Three Zones

8. Leave well shut in overnight and allow the well to equalize. Shoot fluid level in the morning and swab well for 8 hours (adjust timing as needed pending results). Contact engineer with results and to discuss if we should move to next interval.
9. Pull up and set RBP at 12,035' and packer at 11,790'.
10. Leave well shut in overnight and allow the well to equalize. Shoot fluid level in the morning and swab well for 8 hours (adjust timing as needed pending well results). Contact engineer with results and to discuss if we should move to next interval.

Design Lift with Engineer Following Swabbing Results

Version #2
April 28, 2014

11. With swabbing results contact engineer and establish lift design for this well. Tentatively planned for gas lift with plunger.
12. POOH with packer and RBP. Pick up and RIH with CIBP set at 12,035'.

RTP and RDMO

13. RIH with production string and lift assembly as designed in step 13 above. Prepare to bring well back online.
14. ND BOPE and make up wellhead.
15. RDMO rig and equipment. Turn well over to production.

WELL NAME:	ARE W29-02					
COUNTY:	SUMMIT	ST:	UT	FIELD:	Anschutz	TD: 13,897
QTR QTR:	SW	SEC:	29	API #:	43-043-30136	PBTD: 13,575
UPDATED:	12/17/12	TWN:	4N	SPUD DATE:		KB: 7,626
UPDATED BY:	KREG HADLEY	RNG:	8E	MAX TEMP:	188 °F	GL: 7,595

CASING DETAILS

PURPOSE	TOC	CMT	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	SURF	2200 SX	13-3/8"	54.5 & 61#	K-55	2515
INTERMEDIATE		1750 SX	9-5/8"	40 - 62.8#	S-95 & S-105	11379
PRODUCTION		775 SX	7"	23-35#	S-95 & N-80	13888

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
Re-entry guid	2-7/8"	6.5#		
Tbg Sub	2-7/8"	6.5#		
X-Nipple w/ inj mandrel				
5 jts tbg	2-7/8"	6.5#		
GLV #1				
7 jts tbg	2-7/8"	6.5#		
GLV #2			Dummy	
2 jts tbg	2-7/8"	6.5#		
X-over	2-7/8" - 4-1/2"		EUE to VAM	
322 jts tbg	4-1/2"		VAM	EOT @ 12,402'
BWD PERM PKR	5.75"			12,499'
SEAL BORE EXT	4.25"			12,508'
X-OVER	4.5"			12,509'
PUP JT	2-7/8"		N-80	
OTIS "X" NIPPLE	2.313" ID			12,518'
PUP JT	2-7/8"		N-80	12,528'
OTIS "XN" NIPPLE	2-7/8"		PLUG & PRONG IN PLACE	12,529'
PUP JT	2-7/8"		N-80	12,534'
RE ENTRY GUIDE	2-7/8"			12,535'

Based on pull-run dated 9/2006

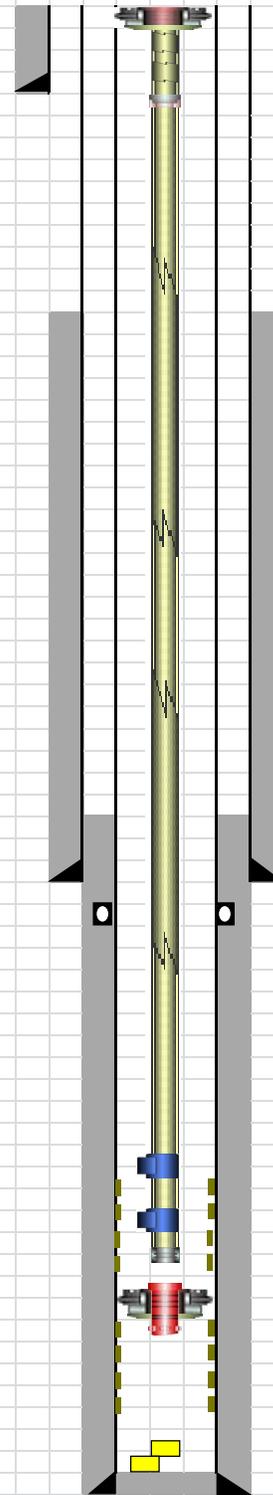
PERFORATIONS

DATE	TOP	BOTTOM	GROSS	HOLES	SPF	Status
	<u>11,750'</u>	<u>11,752'</u>	<u>2'</u>	8	4	Squeezed
	11,807'	11,816'	9'	36	4	Open
	11,832'	11,848'	16'	64	4	Open
	11,854'	11,865'	11'	44	4	Open
	11,882'	11,909'	27'	108	4	Open
	11,917'	11,934'	17'	68	4	Open
	11,948'	11,958'	10'	40	4	Open
	11,992'	12,004'	12'	48	4	Open
	12,010'	12,019'	9'	36	4	Open
9/22/1982	12,046'	12,128'	82'	328	4	Open
9/22/1982	12,150'	12,218'	68'	272	4	Open
9/22/1982	12,240'	12,262'	22'	88	4	Open
9/22/1982	12,288'	12,330'	42'	168	4	Open
9/22/1982	12,356'	12,404'	48'	192	4	Open
9/22/1982	12,426'	12,482'	56'	224	4	Open
1/31/1982	<u>12,530'</u>	<u>12,532'</u>	<u>2'</u>	8	4	Squeezed
9/15/1982	12,602'	12,618'	16'	64	4	Squeezed
9/15/1982	12,650'	12,686'	36'	144	4	Squeezed
9/15/1982	12,718'	12,734'	16'	64	4	Squeezed
	12,810'	12,850'	40'	160	4	Squeezed
	12,880'	12,908'	28'	112	4	Squeezed
1/27/1982	<u>12,910'</u>	<u>12,912'</u>	<u>2'</u>	8	4	Squeezed
	12,922'	12,942'	20'	80	4	Squeezed
	12,962'	12,982'	20'	80	4	Squeezed
	13,004'	13,046'	42'	168	4	Squeezed
	13,060'	13,110'	50'	200	4	Squeezed
7/26/1982	13,140'	13,202'	62'	248	4	Squeezed
7/26/1982	13,230'	13,260'	30'	120	4	Squeezed
7/26/1982	13,280'	13,310'	30'	120	4	Squeezed
1/21/1982	<u>13,350'</u>	<u>13,352'</u>	<u>2'</u>	8	4	Squeezed
3/13/1982	13,365'	13,376'	11'	44	4	Squeezed
3/13/1982	13,392'	13,410'	18'	72	4	Squeezed
3/13/1982	13,420'	13,432'	12'	48	4	Squeezed
3/13/1982	13,458'	13,490'	32'	128	4	Squeezed

FORMATION TOPS

BEAR RIVER	
GANNET	
PREUSS	
TWIN CREEK	
WATTON CANYON	
BOUNDRY RIDGE	
RICH	
SLIDE ROCK	
GYPSUM SPRING	
NUGGET	
GYPSUM SPRING	

NOTES: FISH FROM 13576' - 13620' - BAKER DB PKR W/ 10' SEAL BORE EXT, 2-7/8" PUP JT, X NIPPLE, 2-7/8" 10' PUP JT, XN-NIPPLE, 4' PUP JT & WRG - CASING ANOMOLY SEEN ON PRODUCTION LOG IN 2001. POSSIBLE DAMAGED CASING OR SCALE BUILD UP AT 12178'.



DV TOOL. 7" @ 11512'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W29-02
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043301360000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0662 FNL 2460 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 29 Township: 04.0N Range: 08.0E Meridian: S		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/10/2014	<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 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="Hydro Test tbg & swab back"/>

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

Merit Energy completed the well work on 05/10/2014 on the above referenced well according to the attached daily summary

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 12, 2015**

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/5/2015	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: ARE W 29 02

Accounting ID 7634-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330136	Lease ARE- West	Unit Name
Working Interest (%) 59.62	Original KB Elevation (ft)	SAP Latitude 41.0582300000	SAP Longitude -111.0635300000	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 Producing Gas

Job Category Completion/Workover	Primary Job Type Upgrade	Job Start Date 3/17/2014	Job End Date
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Daily Operations

Report Start Date 4/14/2014	Primary Activity MIRU
Operations Summary MIRU spot equipment	
Report Start Date 4/15/2014	Primary Activity R/U POH 4 1/2" tbg
Operations Summary FP tbg/csg 110psi SI sale blow down well R/U rig and equipment N/D well head N/U BOPs.SDON	
Report Start Date 4/16/2014	Primary Activity POH 4 1/2" tbg L/D
Operations Summary SITP 40psi SICP 150psi, blow well down to flat tank, pump 20bbls 2% kcl, P/U L/D jt, release hanger POH L/D 162jts 4 1/2" 13.5 tbg, spooling 1/4" cap string, secure well SDON.	
Report Start Date 4/17/2014	Primary Activity POH L/D 4 1/2 tbg/ 2 7/8" tbg
Operations Summary SIP 100psi blow well down to flat tank, POH L/D 164 jts 4 1/2" tbg, L/D 31 jts 2 7/8" N80 6.5# tbg, GLV #1, GLV #2, P/U talley in 5 7/8" rock bit, bit sub, 7" scrapper, 85 jts 2 7/8" N80 6.5 tbg EOT 2692', secure well SDFHO.	
Report Start Date 4/21/2014	Primary Activity TIH Bit/ scrapper
Operations Summary SIP 400psi blow well down to flat tank pump 20bbls 2 % KCL, Continue TIH 313 jts 2 7/8" N80 6.5# tbg tag up 2' out on jt 398 @ 12486'MD POH L/D 9jts stand back 20 stds 2 7/8" tbg EOT 10994' secure well SDON.	
Report Start Date 4/22/2014	Primary Activity POH/ Bit scrapper/ TIH RBP,PKR
Operations Summary SITP 180psi / SICP 50psi, TOH stand back 175 stds 2 7/8" 6.5# N80 tbg, L/D 5 7/8" bit, bit sub, 7" scrapper, TIH 195 stds 2 7/8" tbg, XN nipple RBP, PKR, set RBP 9' in on jt# 390 @ 12230'MD , L/D 6 jts 2 7/8" tbg, P/U 2 pup jts 8' 2 7/8" set PKR in on jt 383 @ 12035'MD, R/U swab equipment RIH tag FL @ 9600' +/- make 2 runs recovered 7bbls oil.	
Report Start Date 4/23/2014	Primary Activity Swab & test zones
Operations Summary SITP 20psi / SICP 50psi, FL 9800' make 15 runs recoverd 87bbls no gas cut FL 9800'	
Report Start Date 4/24/2014	Primary Activity Test upper zones
Operations Summary SITP 0psi SICP 40psi, FL 9900' release PKR L/D (2) 8' 2 7/8" pup jts, P/U 6 jts 2 7/8" tbg, TIH release RBP POH, L/D 6 jts 2 7/8" tbg, set RBP 3' out on jt 383 12035', L/D 8 jts 2 7/8" tbg, set PKR @ 5' in on jt 375 11765' R/U swab equipment, made 7 runs recovered 16 bbls see good oil cut allot of gas cut between runs. secure well SD	
Report Start Date 4/25/2014	Primary Activity Swab test zones
Operations Summary SITP 640psi SICP 25psi, FL 10680+/- blow well down to flat tank 30minutes, R/U swab equipment tag FL @ 11000'make 7 runs see good gas cut , oil cut, SI well pressure build up 1hr 550psi open to sales over weekend, SDWO	
Report Start Date 4/28/2014	Primary Activity TOH / strip hanger & spool on well head
Operations Summary TBG 110psi CSG 20psi, blow well down to flat tank pump 20 bbls 2% KCL, P/U 7 jts 2 7/8" tbg TIH sting into RBP release, POH set RBP 2500' stand back 191 stands 2 7/8" tbg and PKR, N/D BOPs, strip hanger, spool on well head, N/U BOPs, TIH PKR, 40 stands 2 7/8" tbg sting into RBP POH, L/D XN nipple, PKR, RBP, open well to sales, SDON	
Report Start Date 4/29/2014	Primary Activity Set CIBP / TIH / BHA 2 7/8" tbg production
Operations Summary 85 psi on well, blow well bown to flat tank pump 20bbls 2% KCL, R/U E-line, set KB 31' RIH W/ 5.75 GR to 12058' WD, run ccl, coralate back to (OWP CBL/GR/CCL W29-02, Sec 29,Twp 4n,Rge 8E date 3/9/82) had to correct -40' DV tool 11500', Note: 8' from ccl to top of plug ccl @ 12032'top of plug @ 12040' WD, retag plug POH, P/U TIH rentry guide, XN nipple, 6'pup jt, Arowset PKR, injection sub,X nipple, perforated sub, 6' pup jt,1 jt 56 stds 2 7/8" 6.5# N80 tbg, EOT 3590' open back side to sales SDON.	
Report Start Date 4/30/2014	Primary Activity TIH 2 7/8" tbg production string hydro test
Operations Summary 85psi on well, SI sales blow down to flat tank, TIH 103 stds 2 7/8: tbg, in on jt 320 10,000' AS-IX PKR 26#-32# set in hole wont release pump 20 bbls 2% kcl down csg worked several times, call made to secure well, have tool hand in morning, open to sales, SDON.	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: ARE W 29 02

Accounting ID 7634-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330136	Lease ARE- West	Unit Name
Working Interest (%) 59.62	Original KB Elevation (ft)	SAP Latitude 41.0582300000	SAP Longitude -111.0635300000	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 Producing Gas

Daily Operations

Report Start Date 5/1/2014	Primary Activity Release PKR POH/ TIH 5 7/8bit & bailer
Operations Summary SITP 0psi SICP 30psi, work pipe 25K over W/ 1/4 right hand turn several times PKR came free POH, stand back 186 stands 2 7/8" tbg L/D 6' pup, perf sub, X nipple, inj sub, PKR, 6, sub, XN nipple, reentry guide, P/U BHA 5 7/8" bit, bit sub' flapper, 2' pup, flapper, 2' pup, flapper, 10.5 jts 2 7/8" tbg, bailer, 8' pup, drain sub TIH 181 stds 2 7/8" tbg EOT 11407' SI well pressure build up secure well SDON	
Report Start Date 5/2/2014	Primary Activity Tag CIBP POH / TIH swab test
Operations Summary SIP 10psi, TIH 10 stands 2 7/8" P/U 11jts 2 7/8" tbg tag CIBP 8'out 0n jt 384 @ 12065', POH L/D 11 jts 2 7/8" tbg stand back 186 stds 2 7/8" tbg L/D 5 7/8" bit, bit sub' flapper, 2' pup, flapper, 2' pup, flapper, 10.5 jts 2 7/8" tbg, bailer, 8' pup, drain sub, TIH XN nipple 186 stands 2 7/8" tbg 11804' R/U swab equipment, FL 9100' make 3 runs recovered 16bbls no oil cut, no gas cut, R/D swab equipment SI well SDON.	
Report Start Date 5/3/2014	Primary Activity Swabing in well
Operations Summary SITP 100psi SICP 100psi, R/U swab equipment made 16 runs recovered 50bbls water 35bbls oil, well flowing SI well 1hr build up, SITP 175 psi SICP 200psi open to sales current flow .500mscf,	
Report Start Date 5/4/2014	Primary Activity
Operations Summary off	
Report Start Date 5/5/2014	Primary Activity TOH 2 7/8" tbg / TIP RBP 2 7/8" tbg
Operations Summary TBG 100 psi CSG 315 psi, sale off CSG to plant blow down well to flat tank, pump 20 bbls 2% KCL, TOH 188 stands 2 7/8" tbg XN nipple, pump 20 bbls 2% KCL, P/U TIH RBP, retrieving head, 6' pup, XN nipple, 188 stands 2 7/8" tbg, P/U 6 jts 2 7/8" tbg, set RBP @ 11973' WD, POH L/D 6 jts 2 7/8" tbg, L/D hanger, 10' pup, EOT @ 11792' WD, R/U swab equipment RIH tag FL @ 9200' made 2 runs recovered 6 bbls, R/D swab equipment, SI well for pressure build up secure well, SDON.	
Report Start Date 5/6/2014	Primary Activity Swab in well
Operations Summary TBG 570psi CSG 200psi, R/U swab equipment RIH tag FL @ 7050' made 12 runs recovered 52bbls 6bbls oil, tbg 75psi csg 195psi open to sales current FR .725mscf, secure well, SDON.	
Report Start Date 5/7/2014	Primary Activity Reset tools up hole
Operations Summary TBG 70psi CSG 160psi, current FR .459mscf, open CSG to sales sale off, open to flat tank blow down pump 15 bbls 2%KCL, L/D hanger, P/U 7 jts 2 7/8" tbg sting into RBP P/U 2 jts 2 7/8" tbg tag CIBP @ 12065'MD, PUH set RBP @ 12006'WD, made 2 swab runs recovered 3bbls, SI 1hr build up TBG 300psi CSG 165psi EOT 12807'MD open to sales. SDON	
Report Start Date 5/8/2014	Primary Activity TOH RBP/ SET CIBP / TIH 2 7/8"
Operations Summary TBG 90psi CSG 520psi, Sale off well blow down to flat tank pump 20bbls 2 % KCL, P/U 9jts 2 7/8" tbg sting into RBP release, L/D 9jts 2 7/8" tbg, TOH 187 stands 2 7/8" tbg pump 20 bbls 2 % KCL, L/D RBP, retrieving head, XN nipple, R/U E-line RIH 5.69 OD CIBP, ccl, correlate back to (OWP CBL/GR/CCL W29-02, Sec 29,Twp 4n,Rge 8E date 3/9/82) had to correct -15' (DV tool @ 11500', tag CIBP @ 12038'WLM) log collars set CIBP @ 11980'WLM between collars, POH R/D E-line, P/U new BHA TIH, Rentry guide, XN nipple, 6' tbg sub, AX-IS 26-32# PKR, 8' tbg sub, X nipple ,6' tbg sub, 107 stands 2 7/8" tbg, EOT @ 6718' open well to sales, SDON	
Report Start Date 5/9/2014	Primary Activity TIH 2 7/8" prod string set PKR
Operations Summary Well 50psi, blow well down to flat tank, TIH 80 stands 2 7/8" tbg, P/U 2jts 2 7/8" tbg,hanger,M/U landing jt, Land & set PKR @ 11759' WD above collar 10K compression, EOT @ 11767' WD, N/D BOPs, N/U well head, R/U swab equipment. Made 7 runs recovered 16.5 bbls, see gas cut on runs, 30 min SI build up 170psi SI over night, SDON	
Report Start Date 5/10/2014	Primary Activity R/D
Operations Summary SITP 640psi, blow well down to flat tank, Made 3 swab runs recovered 3bbls pull from 11700' couldn't see FL tbg dry, SI 1hr build up 450psi open to sales current FR .300mscf R/D equipment move to next job.	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W29-02
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043301360000
PHONE NUMBER: 972 628-1540 Ext		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0662 FNL 2460 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 29 Township: 04.0N Range: 08.0E Meridian: S		COUNTY: SUMMIT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/19/2016	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit Energy ran a wireline and acid clean out the above referenced well according to the attached daily summary.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 10, 2017**

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/9/2017	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: ARE W 29 02

Accounting ID 7634-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330136	Lease Unassigned	Unit Name
Working Interest 59.6224	Original KB Elevation (ft)	SAP Latitude 41.0582300000	SAP Longitude -111.0635300000	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 Producing Gas

Job Category Other	Primary Job Type Wireline	Job Start Date 5/13/2016	Job End Date
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Daily Operations

Report Start Date 5/14/2016	Primary Activity Acid clean out	Last Mod By melw
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Operations Summary

TBG 74 psi / CSG 191, Net gas .245 mcf, Held safety mtg, SI well, R/U Wire line, RIH wt bar / oil jar / spang bar / Pulling tool 2.17 OD, tag up 11549' WLM, try to work down several times, POH tools w/ Bumper spring looks like it came unlatched down hole, RIH w/ 2" RS pulling tool latch up on standing valve @ 11715 WLM', POH, L/D Tools w/ standing valve, R/D wire line, R/U Cudd Pump 1 bbl 2 % KCL pressure test lines 2500 psi, Pump 35 bbls 15% HCL @ 3.5 bpm, (Note: Pump 11 bbls away tbg on vac), Pump 70 bbls 2% KCL flush, ISIP tbg 0=vac / csg 880 psi, R/D Cudd, R/U wire line, RIH wt bar / spang bar / setting tool w/ redressed standing valve, set @ 11715' WLM, POH, P/U Bumper spring, RIH set @ 11720' WLM, POH L/D Tools, R/D wire line. FL 7000' +/- / tbg 16 psi / csg 910 psi, leave well S/I check pressures in am try and unload well.

Report Start Date 5/18/2016	Primary Activity MI & swab	Last Mod By jsevens
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Operations Summary

Held safety meeting. MI, RUPU & rig tank. SITP=525#, SICP=542#. Blow tbg down, RU swab lubricator & start swabbing w/ IFL @ 8,400'. Made a total of 5 swab runs w/ the csg breaking around on the last one. Recovered 22.5 bbls w/ EFL @ 10,100' & press+ 15/390#. Secured well & SDON.

Report Start Date 5/19/2016	Primary Activity Swab & MO	Last Mod By jsevens
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Operations Summary

Held safety meeting. SITP=500#, SICP=490#. Blow tbg down, RU swab lubricator & start swabbing w/ IFL @ 8,800'. Made a total of 2 swab runs w/ the csg breaking around & well started flowing. Start GL @ .750 then increased it to 1.5 recovering approx 3 bph (recovered 10.5 bbls w/ total= 33 bbls) put well BOL w/ press @ 74/347#. RDPU, rig tank & MO equip.