

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED GAS SUB REPORT ab...

*Commenced Injection effective 10-30-93

891019 *Oilium NGSD form - add page*

DATE FILED 11-4-81

LAND FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN

DRILLING APPROVED 12-9-81

SPUDDED IN 2-3-82

COMPLETED 1-28-83 P.O.W. PUT TO PRODUCING 1-28-83 12-82

INITIAL PRODUCTION 1494 BOPD, 5329 MCF, 37 BWPD

GRAVITY API 45

GOR

PRODUCING ZONES 13,022 - 13,578 Nuggett ngsd # 13870 - 14306

TOTAL DEPTH 14,418

WELL ELEVATION 7887 KB

DATE ABANDONED

FIELD UNDESIGNATED *Muschwitz Ranch East*

UNIT

COUNTY SUMMIT

WELL NO CHAMPLIN 458 AMOCO "E" E #3 (W31-12) API NO. 43-043-30190

LOCATION *S44E 3140* 1778 FT FROM (N) & LINE. 500 640 FT FROM (W) LINE. *SW-SW* 14-14 SEC 31

BOTTOM HOLE 3140 FNL 500 FWL NW SW

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				4N	8E	31	AMOCO PRODUCTION CO

Rockman

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	Haigaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>Aspen</i>	Dakota	Park City	McCracken
<i>Beck Run</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>Gannett</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>Grand</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>Twin Creek</i>	JURASSIC	CARBON I FEROUS	North Point
<i>August</i>	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
Aimy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOG WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

*Commenced Injection Effective 10-30-93
 **960806 Conversion to PRODUCING GAS WELL

DATE FILED NOVEMBER 4, 1981 (UIC APPLICATION FILED OCTOBER 18, 1993)

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

DRILLING APPROVED: DECEMBER 9, 1981 (UIC APPLICATION APPROVED OCTOBER 19, 1993)

SPOUDED IN: FEBRUARY 3, 1982

COMPLETED: 1-28-83 PGW PUT TO PRODUCING: 1-28-83

INITIAL PRODUCTION: 1494 BOPD; 5329 MCF; 37 BWPD

GRAVITY A.P.I. 45

GOR: _____

PRODUCING ZONES: 13022-14326' (NUGGET)

TOTAL DEPTH: 14418'

WELL ELEVATION: 7887' KB

DATE ABANDONED: _____

FIELD: ANSCHUTZ RANCH EAST

UNIT: ANSCHUTZ RANCH EAST

COUNTY: SUMMIT

WELL NO. (CHAMPLIN 458 "E" 3) ARE W31-12 API NO. 43-043-30190

LOCATION 1778' FNL FT. FROM (N) (S) LINE, 640' FWL FT. FROM (E) (W) LINE. SW NW 1/4-1/4 SEC. 31

BHL: 3140' FNL 500' FWL NW SW

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
4N	8E	31	AMOCO ROCKMOUNT COMPANY				

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	Halgait Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
ASPEN	4870'	Dakota	Park City
BEAR RIVER	5310'	Burro Canyon	McCracken
GANNETT	6656'	Cedar Mountain	Rico (Goodridge)
PREUSS	9659'	Buckhorn	Supai
TWIN CREEK	11112'	JURASSIC	Wolfcamp
XXXXX NUGGET	12735'	Morrison	CARBONIFEROUS
Stone Cabin	Salt Wash	Morrison	Pennsylvanian
Colton	San Rafael Gr.	Oquirrh	SILURIAN
Flagstaff	Summerville	Weber	Laketown Dolomite
North Horn	Bluff Sandstone	Morgan	ORDOVICIAN
Almy	Curtis	Hermosa	Eureka Quartzite
Paleocene	Entrada	Pardox	Pogonip Limestone
Current Creek	Moab Tongue	Ismay	CAMBRIAN
North Horn	Carmel	Desert Creek	Lynch
CRETACEOUS	Glen Canyon Gr.	Akahi	Bowman
Montana	Navajo	Barker Creek	Tapeats
Mesaverde	Kayenta		Ophir
Price River	Wingate		Tintic
Blackhawk	TRIAS	Cane Creek	PRE-CAMBRIAN

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Champlin 458 Amoco 'E'

9. Well No.

#3

10. Field and Pool or Wildcat

Windsight
Anschutz Ranch East

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

Sec. 31, T4N, R8E

12. County or Parrish 13. State
Summit Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

AMDCO 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

** 1778' FNL & 640' FWL SW/4 NW/4

At proposed prod. zone

BHL: 3140' FNL & 500' FWL NW/4 SW/4

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

Approximately 6 miles southeast of Castle Rock, Utah

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

640'

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

14,250'

20. Rotary or cable tools

Rotary

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

7878' GR

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"	68#	3000'	Cmt. to cover all pay
12 1/4"	9 5/8"	40#-47#-53.5#	11,150'	and salt - circulate to
8 1/2"	7"	32#-23#	14,250'	surface

PROPOSE TO DEVELOP NUGGET HYDROCARBON RESERVES

(See Attachments)

(Well to be drilled in accordance with the Order issued in Cause No. 183-2, Drilling Unit to be NW/4 SW/4 of Section 31)

** Irregular Section

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. *[Signature]*
Signed.....

Dist. Administrative Supervisor Title..... Nov. 3, 1981 Date.....

(This space for Federal or State office use)

Permit No..... Approval Date

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

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

DATE: 12-9-81
BY: *[Signature]*

*See Instructions On Reverse Side

ATTACHMENT TO FORM OGC-1a

Champlin 458 Amoco 'E' No. 3

1) Geologic name of the surface formation: Tertiary

2) Estimated tops of geological markers:

Cretaceous	3750'
Preuss	9500'
Salt	10,500'
Twin Creek	11,000'
Nugget	12,500'

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

See Item #2 above

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

5) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, 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 noted on the IADC Daily Drilling Report.

6) Mud Program:

0 - 3000'	Native spud mud
3000' - 10,500'	Modified salt mud, 8.8-9.5#/gal. Viscosity as required to clean hole
10,500' - 11,150'	Salt saturated, 10.1-10.5#/gal. ✓
11,150' - TD	Low solid, non-dispersed, 8.8-9.0#/gal.

7) Auxiliary Equipment:

Kelly cock; floor sub with full opening valve. 3" choke manifold with remote control choke. Mudlogger (2-man type)

8) Testing Program:

Drill Stem Tests to be determined

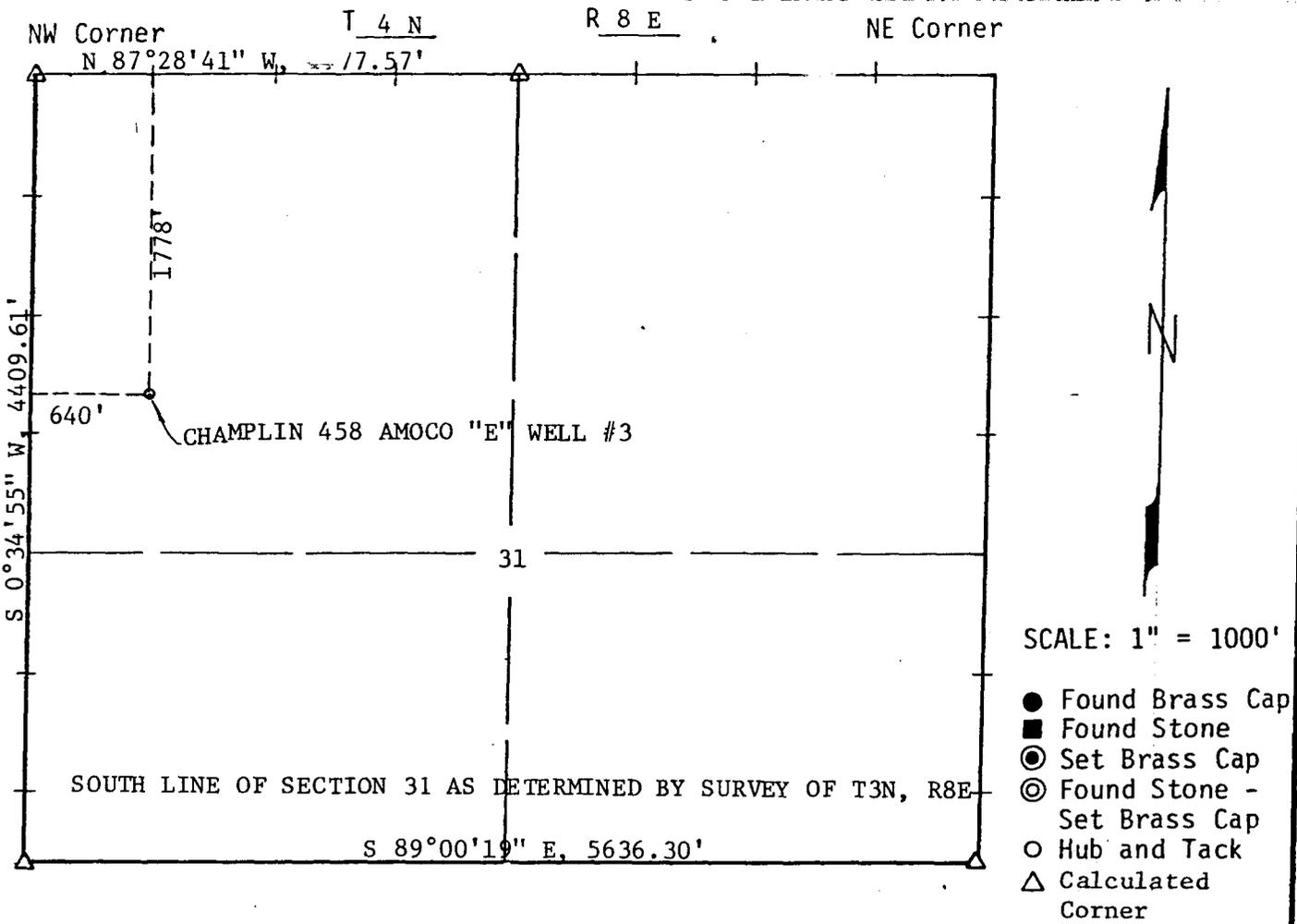
Coring Program:

None

Logging Program:

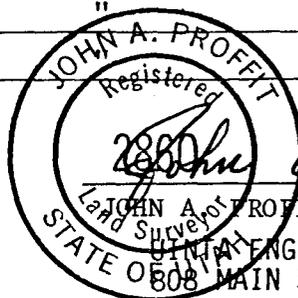
BHC-Sonic-GR-CAL	Surface to Total Depth			
DIL-GR	Base of Surface Casing to TD			
DLL-MSFL	"	"	"	"
CNL-FDC-CAL-GR	"	"	"	"
FIL	"	"	"	"
HDT-Dipmeter	"	"	"	"
Check Shot Velocity	"	"	"	"

- 9) No abnormal pressures, temperatures, or hydrogen sulfide gas is anticipated.
- 10) Anticipated starting date will be when approved and duration of operations will be approximately 180 days.



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Reid Smith of Evanston, Wyoming for Amoco Production Company I made a survey on the 6th day of March, 1981 for location and elevation of the Champlin 458 Amoco "E" Well #3 as shown on the above map, the wellsite is in the SW¹/₄NW¹/₄ of Section 31, Township 4 N, Range 8 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7878 Feet top of pin Datum U.S.G.S. Quadrangle - Porcupine Ridge, Utah/Wyoming B.M. 15 EAM 1965, Elev. 7122'

Reference point	North 300'	Elev. top of pin	7893.1'
Reference point	North 400'	"	7900.2'
Reference point	West 350'	"	7909.2'
Reference point	West 450'	"	7931.3'



John A. Proffit 9/7/81
 JOHN A. PROFFIT, Registered Land Surveyor, STATE OF WYOMING, No. 2860

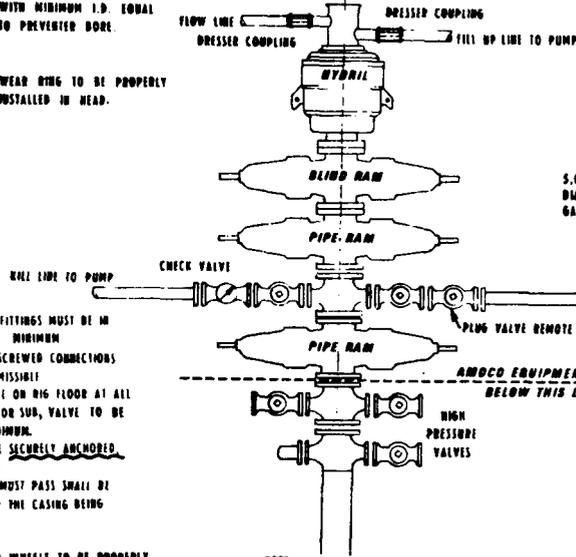
Rev. 8/18/81 Dist from North line
 DATE: 4-15-81
 JOB NO.: 81-10-21

UTAH R.L.S. NO. 2860
 CIVIL ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

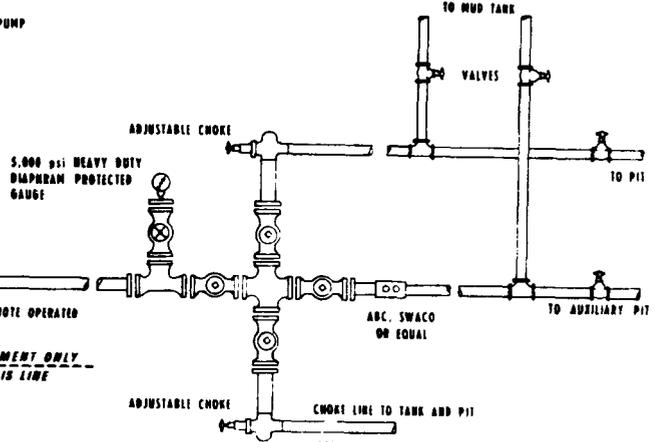
EXHIBIT BOP-5000
 MINIMUM BLOW-OUT PREVENTER REQUIREMENTS
 5,000 psi W.P.

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

2 WEAR RING TO BE PROPERLY INSTALLED IN HEAD.

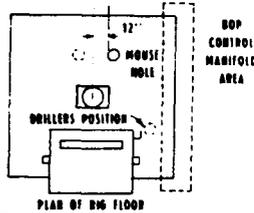


NOTE:
 ALL VALVES TO BE FULL OPENING

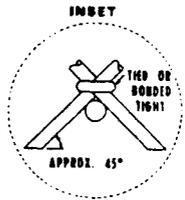
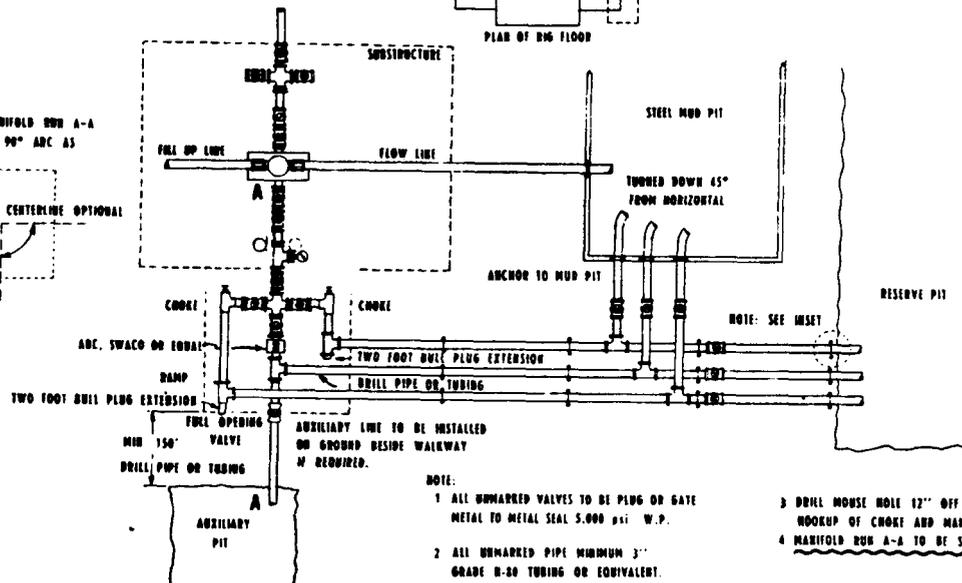
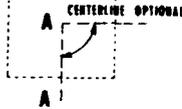


NOTE:
 CHOKES ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY SHOULD BE HORIZONTAL OR BIG STAKE ALL LINES SECURELY TIGHTENED AND AT END OF LINE.

- 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 CHOKES AND RIG LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKES LINES
 - 5 EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
 - 6 KELLY COCK OR KELLY.
 - 7 EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES
 - 8 RIG FLOOR BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS FEASIBLE
 - 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE 80 GALLON ACCUMULATOR, TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION. AND MEET ALL IADC SPECIFICATIONS.



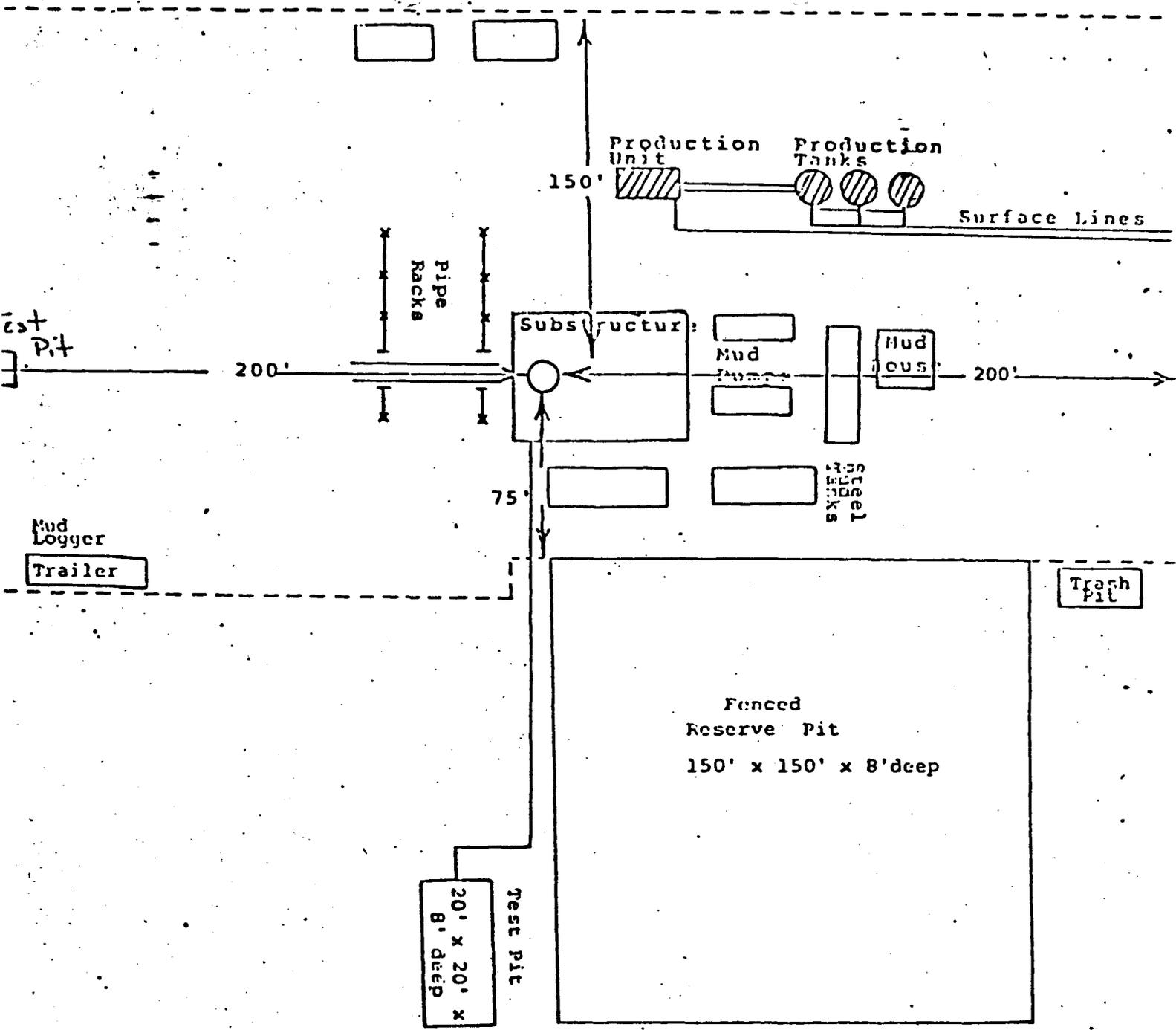
NOTE:
 DIRECTION OF MANIFOLD RUN A-A OPTIONAL WITHIN 90° ARC AS SHOWN BELOW



- NOTE:
- 1 ALL UNMARKED VALVES TO BE PLUG OR GATE METAL TO METAL SEAL 5,000 psi W.P.
 - 2 ALL UNMARKED PIPE MINIMUM 3" GRADE B-20 TUBING OR EQUIVALENT.

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

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



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

--- Dotted lines indicated perimeter of leveled location.

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

TYPICAL
LOCATION
LAYOUT

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

EXHIBIT "D"

** FILE NOTATIONS **

DATE: November 13, 1981

OPERATOR: Amoco Production Company

WELL NO: Champlin 455 Amoco "E" #3

Location: Sec. 31 T. 4N R. 8E County: Summit

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-043-30190

CHECKED BY:

Petroleum Engineer: M.J. Minder 12-9-81

Director: _____

Administrative Aide: As per Order below (we are approving this by de bottom hole location)

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 183-2, 4-23-80

O.K. Rule C-3

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

Lease Designation Fee

Plotted on Map

Approval Letter Written

Hot Line

P.I.

December 9, 1981

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

RE: Champlin 458 Amcoco "E" #3
Sec. 31, T. 4N, R. 3E,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 183-2, dated April 23, 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 is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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

The API number is assigned to this well is 43-043-30100.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

DBF/as
cc: OGM

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

2
101
5

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 1778' FNL & 640' FWL

At top prod. interval reported below

At total depth

DEVIATED HOLE -> COMPLETED ORIGINAL HOLE LOCATED

14. PERMIT NO. 43-043-30190
DATE ISSUED 12/9/81

RECEIVED
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East Unit

8. FARM OR LEASE NAME
Anschutz Ranch East Unit

9. WELL NO.
W31-12 (Champlin 458 "E" 3)

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

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

12. COUNTY OR PARISH
Summit

13. STATE
Utah

15. DATE SPUNDED 2/3/82 16. DATE T.D. REACHED 10/27/82 17. DATE COMPL. (Ready to prod.) 1/28/83 18. ELEVATIONS (DF, RKB, RT, GB, ETC.)* 7887' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 14,418' 21. PLUG, BACK T.D., MD & TVD 14,378' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Surf. to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,022' - 13,578' Nugget 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL, Sonic, Dipmeter, TDT, CBL, CET 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"	48#-61#	2846'	17 1/2"	4000 sx	none
9 5/8"	40#-53.5#	10,272'	12 1/4"	800 sx	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2" w/7" tieback	9879'	14,378'	510	
7 5/8"	10,030'	11,159'	600	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2"	9879'	

31. PERFORATION RECORD (Interval, size and number)

13022'-13100'	13520'-13578'
13120'-13188'	13900'-13956'
13210'-13272'	14210'-14270'
13294'-13402'	
13426'-13494'	all w/4 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13900'-956'	4200 gal. 7 1/2% HCL
14210'-270'	4500 gal. 7 1/2% HCL

33. PRODUCTION
DATE FIRST PRODUCTION 1/28/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowline WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/25/83	24	32/64		1494	5329	37	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1850	0		1494	5329	37	45°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS none

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Administrative Supervisor DATE 2/4/83

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

INSTRUCTIONS

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
FORMATION			
TOP			
BOTTOM			
MEAS. DEPTH			
TRUE VERT. DEPTH			
			Aspen 4870'
			Bear River 5310'
			Gannett 6656'
			Preuss 9659'
			Twin Creek 11,112'
			Nugget 12,735'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: Champlin 458 E-3

SECTION: NWSW 31 TOWNSHIP 4N RANGE 8 E COUNTY: Summit

DRILLING CONTRACTOR: _____

RIG # _____

BOP TEST: DATE: 9-17-82

TIME: PM

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: Dale Henderson

TELEPHONE NO. _____

DATE: 9-17-82 SIGNED Norm



Amoco Production Company

Northern Division
1700 Lincoln
Post Office Box 800
Denver, Colorado 80201
303-830-4040

Steve W. Souders
Division Production Manager

September 12, 1984

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

Attention: Claudia Jones

File: DFK-940-416

Reclassifying Anschutz Ranch East
Unit Wells from Gas to Oil

RECEIVED

SEP 17 1984

**DIVISION OF OIL
GAS & MINING**

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

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

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

Mobil Oil Corporation

P O BOX 5444
DENVER, COLORADO 80217

Denver E&P Division
September 13, 1984

RECEIVED

SEP 19 1984

**DIVISION OF OIL
GAS & MINING**

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

Attention: Diane Nielson

CLASSIFICATION OF WELLS:
ANSCHUTZ RANCH EAST UNIT
EAST PARTICIPATING AREA

Gentlemen:

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

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

Yours very truly,


J. L. Douglass
Regulatory Compliance Manager

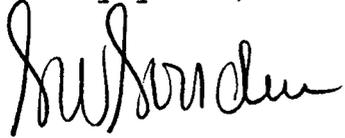
SEHunt:270:slr

cc RJ Firth
JR Baza

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

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

Sincerely yours,

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

SDE/jwu

Attachment

LTR119



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 24, 1984

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

COPY

Dear Mr. Souders:

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

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

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

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

Page 2
Amoco Production Company
September 24, 1984

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

Sincerely,

Original Signed by John R. Baza

John R. Baza
Petroleum Engineer

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



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

20

Production wells (cont.)

<u>Well Name</u>	<u>API NO.</u>	<u>Legal Description</u>
W31-04	43-043-30165	NWNW, Sec 31, T ⁴ N, R8E
W31-06	43-043-30217	SE ⁴ NW, Sec 31, T ⁴ N, R8E
W31-08	43-043-30164	NWNE, Sec 31, T ⁴ N, R8E
W31-12	43-043-30190	SWNW, Sec 31, T ⁴ N, R8E
W32-04	43-043-30162	NWNW, Sec 32, T ⁴ N, R8E
W36-10	43-043-30227	NESW, Sec 36, T ⁴ N, R7E
W36-16	43-043-30157	SESE, Sec 36, T ⁴ N, 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, T ⁴ N, R8E
W19-08	43-043-30272	SENE, Sec 19, T ⁴ N, R8E
W20-08	43-043-30212 ? 30123	SWNW, Sec 20, T ⁴ N, R8E
W20-14	43-043-30145	NWSW, Sec 20, T ⁴ N, R8E
W29-02	43-043-30220 ? 30136	NWNE, Sec 29, T ⁴ N, R8E
W29-12	43-043-30154	NWSW, Sec 29, T ⁴ N, R8E
W30-02	43-043-95014 ? 30218	NWNE, Sec 30, T ⁴ N, R8E
W30-12A	43-043-30248 ? 30230	NWSW, Sec 30, T ⁴ N, R8E
W30-15	43-043-95012 ? 30216 ?	NWNE, Sec 30, T ⁴ N, R8E
W36-08	43-043-30167	SENE, Sec 36, T ⁴ N, R7E
W36-14	43-043-30255	SESW, Sec 36, T ⁴ N, 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 IN TRIPPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

PGW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

042811

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

W31-12

9. WELL NO.

W31-12

10. FIELD AND POOL, OR WILDCAT

Nugget

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

Sec. 31, T4N, R8E

12. COUNTY OR PARISH 13. STATE

Summit Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

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

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

1778' FNL & 640' FWL

14. PERMIT NO.
43-043-30190

15. ELEVATIONS (Show whether D.F., W.T., OR, etc.)
7890' KB

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

The overturn section of the Nugget will be developed for production by drilling out a cast iron bridge plug at 13800' and perforating the following intervals:

13,640' - 13,720'
13,760' - 13,830'
14,070' - 14,120'

Work should begin on 04-21-87 and will be completed by 04-30-87. This work was discussed between Bruce Leggett of Amoco and John Baza Utah DOGM on April 20, 1987 at 8:30 a.m.

APR 24 1987

DIVISION OF OIL, GAS & MINING

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

SIGNED [Signature]

TITLE Staff Fac Eng Supervisor

DATE 4-20-87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 4-28-87
BY: [Signature]

*See Instructions on Reverse Side

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee PGW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
051913

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
W3-12

9. WELL NO.
W3-12

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R., M., OR BLK. AND SUBVY OR ARBA
Sec. 31, T4N R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 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
1778' FNL & 640' FWL

14. PERMIT NO.
43-043-30190

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7890' KB

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

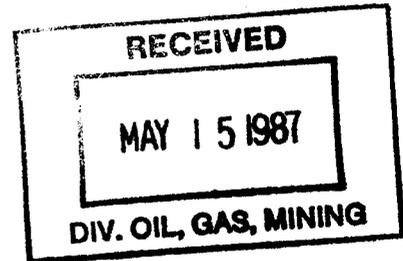
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

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

The castiron bridge plug @ 13,800' was drilled out and pushed to bottom. The following Nugget intervals were perforated with a tubing conveyed system using 11 gram charges:

- 13,640' - 13,720'
- 13,760' - 13,830'
- 14,070' - 14,120'

The well's 3 1/2" tubing was laid down and new 4 1/2" tubing was run back in the well for additional rate. Work was completed on 5/3/87 and the well was back on production on 5/4/87.



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

SIGNED *Chris L. Lozys* TITLE *Adm. Supervisor* DATE 5-11-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1778' FNL & 640' FWL		8. FARM OR LEASE NAME W31-12
14. PERMIT NO. 43-043-30190		9. WELL NO. W31-12
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7890' KB		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 31, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE UT

RECEIVED
MAY 11 1989
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"/>	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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

The subject well will be cement squeezed with 100 sx of cement from 13,520'-13,830'. Additional Nugget overturn pay will be perforated over the following intervals:

- 13,872' - 13,956'
- 13,980' - 13,998'
- 14,048' - 14,141'
- 14,168' - 14,270'
- 14,292' - 14,326'

Finally the normal section perforations will be mechanically isolated from 13,022' - 13,830' in an effort to lower the gas-oil ratio of the well. Work would commence the week of 5/7/89. This work was discussed between John Baza (UTOGC) and Bruce Leggett (Amoco) on 5/8/89 at 3:30 pm.

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

SIGNED Richard D. Winters TITLE District Engineer DATE 5-9-89

(This space for Federal or State office use)

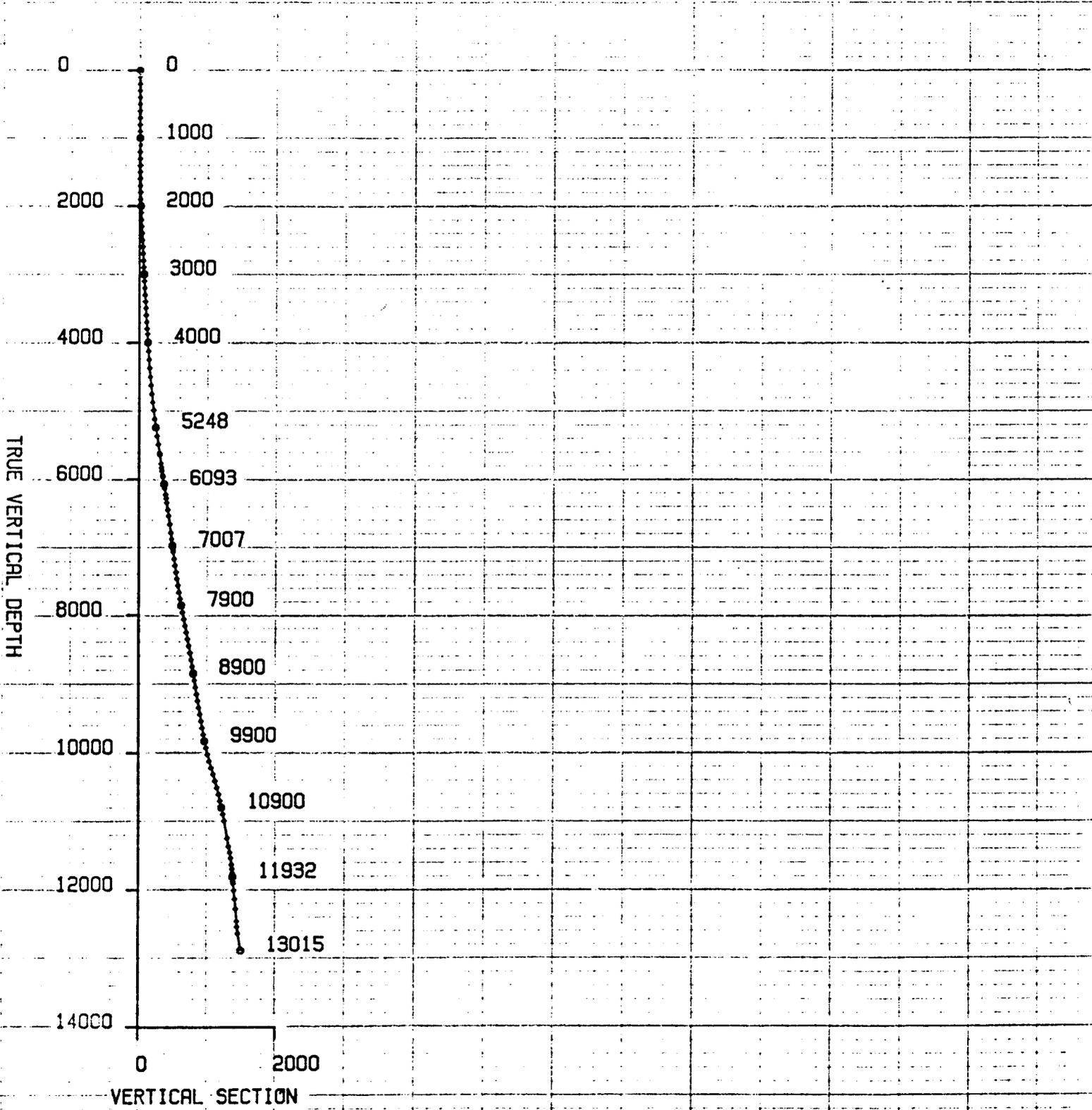
APPROVED BY _____ TITLE _____ APPROVED BY THE STATE
CONDITIONS OF APPROVAL, IF ANY: _____ OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 5-26-89
R. Baza
*See Instructions on Reverse Side

AMOCO PRODUCTION COMPANY
WELL NAME: CHAMPLIN 458 AMOCO E-3
LOCATION: SUMMIT COUNTY, UTAH

VERTICAL PROJECTION
SCALE 1 IN. = 2000 FEET

EASTMAN WHIPSTOCK, INC.



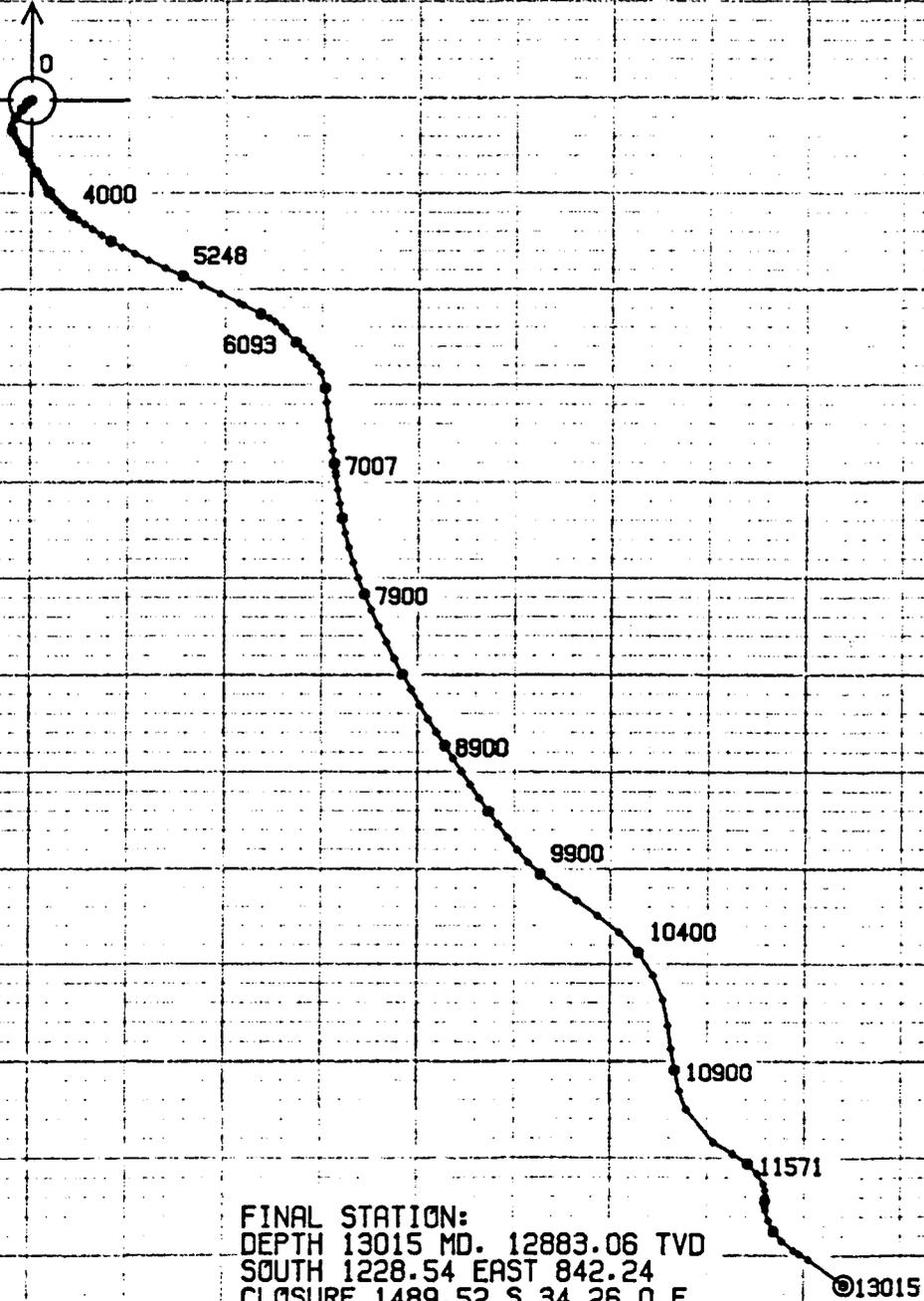
CLOSURE 1489.52 S 34 26 0 E

AMOCO PRODUCTION COMPANY
WELL NAME: CHAMPLIN 458 AMOCO E-3
LOCATION: SUMMIT COUNTY, UTAH

HORIZONTAL PROJECTION

SCALE 1 IN. = 200 FEET
DEPTH INDICATOR: MD

EASTMAN WHIPSTOCK, INC.



FINAL STATION:
DEPTH 13015 MD. 12883.06 TVD
SOUTH 1228.54 EAST 842.24
CLOSURE 1489.52 S 34 26 0 E

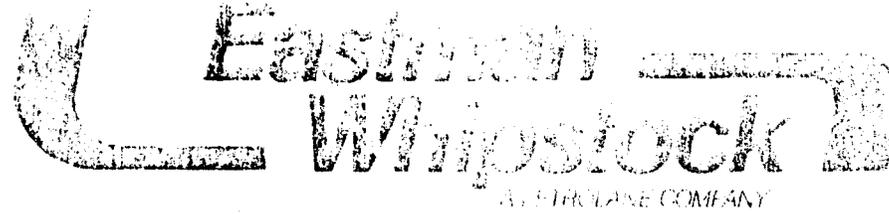
©13015

10:59:18
27-OCT-82
FILE NUMBER: 20

AMOCO PRODUCTION COMPANY
WELL NAME: CHAMPLIN 458 AMOCO E-3
LOCATION: SUMMIT COUNTY, UTAH

COMPLETION REPORT

CONVERSATIONAL SURVEY PROGRAM V02.03



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

SUBMITTED IN TRIPPLICATE*
(0 instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to do other work on a well. Use "APPLICATION FOR PERMIT TO DRILL" form.)

RECEIVED
OCT 10 1989

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 800, Room 1846, Denver, Colorado 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 1778' FNL & 640' FWL		8. FARM OR LEASE NAME W31-12
14. PERMIT NO. 43-043-30190		9. WELL NO. W31-12
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7890' KB		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R. M., OR B.L.E. AND SURVEY OR AREA Sec. 31, T4N R8E
		12. COUNTY OR PARISH Summit
		13. STATE UT

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

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

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

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

This to confirm verbal approval from John Baza, of the UOGC, to Valerie Miller of Amoco Production Company to re-perforate the Normal section of the Nugget formation in the subject well using the following procedure:

1. Retrieve RBP @ 14,350'.
2. Re-perforate interval from 13,022'-13,850' w/6 JSPF.
3. Co to 14,370'.
4. RTP

OIL AND GAS	
DRN	RJF
2-JRB ✓	CLH
DTS	SLS
1-TAS	
3-	MICROFILM ✓
4-	FILE

18. I hereby certify that the foregoing is true and correct
SIGNED J. L. Hampton TITLE Sr. Staff Admin Supv. DATE 10-6-89

(This space for Federal or State office use)

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

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

DATE 10-17-89
*See Instructions on Reverse Side John R. Baza

Amoco Production Company

Sheet No. _____ Of _____
File _____

ENGINEERING CHART

Appn _____

SUBJECT Anschutz Ranch East W31-12

Date 9/19/89

Wellbore Diagram

By RBL

Location: 1778' FNL x 640' FWL, section 31, T4N, R8E

Elevation: 7870' GL. / 7890' KB

RECEIVED
OCT 10 1989

DIVISION OF
OIL, GAS & MINING

7" 29# N-80 LTC (86')
7" 23# 500-95 LTC (5473')
7" 23# S-95 LTC (513')
7" 26# N-80 LTC (3303')
7" 29# N-80 LTC (504')
tie back SA 9879'
w/200 sx cmt

13 3/8" 61# J-55 ST.
13 3/8" 48# H-40 ST.
13 3/8" 54.5# K-55 ST.
13 3/8" 61# J-55 ST.
SA 2846' w
3500 sx 50/50 PO
"G" and 500 sx "G"

9 5/8" 53.5# N-80 LTC (83')
9 5/8" 43.5# N-80 LTC (520')
9 5/8" 40# N-80 LTC (3668')
9 5/8" 43.5# N-80 LTC (1606')
9 5/8" 47# N-80 LTC (2204')
9 5/8" 53.5# N-80 LTC (21...)
SA 10,272' w/500 sx
50/50 POZ and 300 sx "G"

7 5/8" 45.3# P110 FL45 liner
SA 11,159' w/600 sx "G"
(7 5/8" liner top SA 10,030')

302 jts 3 1/2" 9.3# N-80 BRD Hbg.

140 jts 2 3/8" 4.7# N-80 BRD Hbg.

Depths are per Schl. CNL cased hole log 12/8/82:

- 13022' - 13100' } squeezed w/200 sx "G"
- 13120' - 13182' }
- 13210' - 13272' }
- 13294' - 13402' }
- 13426' - 13494' }
- 13520' - 13578' } sqzd w/300 sx "G"
- 13640' - 13720' }
- 13760' - 13830' }
- 13872' - 13956', 13,980' - 13,998'
- 14048' - 14141', 14,168' - 14,270'
- 14292' - 14326'

Halliburton RTTS pkre 13,734'

RBP @ 14,350'

PBD = 14,370'

4 1/2" 15.1# P110 LTC liner w/PBR
SA 14,378' w/110 sx 11 L.C.I. cmt + 170
bubble cmt. (4 1/2" liner top SA 9879')

Top of Dual Induction Openhole Logging Tool
from 371 180' fish @ 14,381'

TIS = 14,418'

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
OCT 12 1989

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 800, Room 1146, 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 1778' FNL & 640' FWL		8. FARM OR LEASE NAME W31-12	
14. PERMIT NO. 43-043-30190		9. WELL NO. W31-12	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7890' KB		10. FIELD AND POOL, OR WILDCAT Nugget	
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 31, T4N, R8E	
		12. COUNTY OR PARISH Summit	13. STATE UT

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

(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.)*

In order to test the Nugget overturn in the subject well, Amoco Production Company cement squeezed the Nugget normal section and perforated the Nugget overturn pay using the following procedure:

1. Set CIBP @ 13,860' and RBP @ 13,510'.
2. Cement squeezed perf from 13,520'- 13,830' w/ 100 sx CL "G" Cement.
3. No cement returns. Resqueezed w/200 sx CL "G".
4. DO cement+CIBP @ 13,510- & CO to 13,860'.
5. Pressure test casing above all perfs to 1700 psi, then pressure test casing below perfs to 1500 psi.
6. Mechanically isolated all perf zones and cement squeezed using a total of 200 sx CL "G" cement.
7. DO & systematically pressure tested each squeezed interval to 1500 psi.
8. Perforated interval from 13,872'- 14,326' w/ 6 JSPF.
9. Swabbed well.
10. Acidized perfs w/33 bbls 15% HCL.
11. RTP on 6-23-89 with production of 40 BOPD 5000 MCFD, 0 BWPD.

If you have any additional questions, please contact Valerie Miller at (303) 830-5108.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-	MICROFILM ✓
3-	FILE

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

SIGNED J. L. Hampton TITLE Sr. Staff Admin Supv. DATE 10-9-89

(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

5

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

RECEIVED FEB 02 1990

1. OIL WELL [] GAS WELL [X] OTHER [] 2. NAME OF OPERATOR Amoco Production Company 3. ADDRESS OF OPERATOR P.O. Box 800 - Rm 1843, Denver, CO 80201 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1778' FNL, 640' FWL 14. PERMIT NO. 43-043-30190 15. ELEVATIONS (Show whether SP, RT, GR, etc.) 7890' KB 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 W31-12 9. WELL NO. W31-12 10. FIELD AND POOL, OR WILDCAT Nugget 11. SEC., T., R., M., OR BLE. AND SUBST OR AREA Sec. 31, T4N-R8E 12. COUNTY OR PARISH SUMMIT 13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [] PULL OR ALTER CASING [] FRACTURE TREAT [] MULTIPLE COMPLETE [] SHOOT OR ACIDIZE [] ABANDON* [] REPAIR WELL [] CHANGE PLANS [] (Other) [] SUBSEQUENT REPORT OF: WATER SHUT-OFF [] REPAIRING WELL [] FRACTURE TREATMENT [] ALTERING CASING [] SHOOTING OR ACIDIZING [] ABANDONMENT* [] (Other) Reperforate [X] (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 reperforated the normal section of the Nugget formation using the following procedure:

- 1. Release RBP @ 14,350'. 2. Reperforate from 13,022' - 13,850' with 6 JSPF. 3. RTP on 12/14/89 with 150 BOPD and 13,000 MCFD.

If you require any additional information, please contact Valerie Miller @ (303) 830-5108.

OIL AND GAS 1. TAS 2. MICROFILM 3. FILE

18. I hereby certify that the foregoing is true and correct SIGNED J.L. Hampton Sr. Staff Admin. Supv. DATE 01/31/90

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)
At surface
1778' FNL, 640' FWL

14. PERMIT NO.
43-043-30190

15. ELEVATIONS (Show whether SP, RT, GR, etc.)
7890' KB

RECEIVED
MAR 28 1990

OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME

9. WELL NO.
W 31-12

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., R., M., OR B.L.E. AND SUBSTY OR AREA
Sec. 31, T4N-R8E

12. COUNTY OR PARISH
Summit

13. STATE
UT

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

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

(Other) _____

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

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

Amoco Production Company acidized the subject well using the following procedure:

1. Acidize from 13,022' - 14,326' with 3000 gals 15% HCL.
2. RTP on 01/16/90 with 170 BOPD, 16,000 MCFD, 0 BOPD.

If you require any additional information, please contact Valerie Miller @ (303) 830-5108.

OIL AND GAS	
DPN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-	MICROFILM ✓
3-	FILE

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

SIGNED J. L. Hampton TITLE Sr. Staff Admin. Supv. DATE 03/23/90
J. L. Hampton

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

<u>Well Name</u> (Anschutz Ranch East Unit #)	<u>Formerly</u>	<u>Location</u> (Summit County, Utah)	<u>API#</u>
W 16-06	Bountiful Livestock #1A	NE/4 Sec. 16 T4N R8E	43-043-30138
W 16-12	---	SW/4 Sec. 16 T4N R8E	43-043-30231
W 17-16	Champlin 458 G #1	SE/4 Sec. 17 T4N R8E	43-043-30176
W 19-16	Champlin 458 H #1	SE/4 Sec. 19 T4N R8E	43-043-30215
W 20-02	---	NE/4 Sec. 20 T4N R8E	43-043-30228
W 21-04	Champlin 458 F #1	NW/4 Sec. 21 T4N R8E	43-043-30135
E 21-14	Champlin 458 F #2	SW/4 Sec. 21 T4N R8E	43-043-30130
W 29-04	Champlin 458 Amoco D #1	NW/4 Sec. 29 T4N R8E	43-043-30129
W 29-06A	---	NW/4 Sec. 29 T4N R8E	43-043-30219
W 29-14A	---	SW/4 Sec. 29 T4N R8E	43-043-30251
W 30-10	---	SE/4 Sec. 30 T4N R8E	43-043-30215
W 31-04	Champlin 458 E #2	NW/4 Sec. 31 T4N R8E	43-043-30165
W 31-06	Champlin 458 E #6	NW/4 Sec. 31 T4N R8E	43-043-30217
W 31-08	Champlin 458 E #1	NE/4 Sec. 31 T4N R8E	43-043-30164
W 31-12	Champlin 458 E #3	SW/4 Sec. 31 T4N R8E	43-043-30190
W 32-04	---	NW/4 Sec. 32 T4N R8E	43-043-30162
W 36-10	---	SE/4 Sec. 36 T4N R8E	43-043-30227
W 36-16	Island Ranching E #1	SE/4 Sec. 36 T4N R8E	43-043-30157



Amoco Production Company

August 13, 1993

Northwest Business Unit
Amoco Building
1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

Mr. Gil Hunt
State of Utah
Department of Natural Resources
Utah Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

AUG 16 1993

DIVISION OF
OIL, GAS & MINING

File: CAW-215-986.511

Application for Injection Well
Anschutz Ranch East Well No. W31-12
Section 31-T4N-R8E 43-043-30190
Summit County, Utah

Amoco Production Company hereby requests administrative approval for an Application for Injection Well to allow gas injection into the Anschutz Ranch East Well No. W31-12, Summit County, Utah pursuant to General Rule 649-5. We desires to expand existing gas injection operations to increase ultimate recovery in the Nugget Formation.

Attached is the information required under General Rule 649-5 and Application for Injection Well - UIC Form 1.

Please direct any question to my attention at (303) 830-5829.

Very truly yours,

T. A. Harting

TAH/

Attachments

cc: B. S. McKim
V. D. Miller
R. A. Ross
G. R. Smith

General Rule 649-5
Underground Injection Control of Recovery Operations and
Class II Injection Wells
Utah Board of Oil, Gas, and Mining

1. Operator: The operator's name and address for the Anschutz Ranch East Unit is as follows:

Amoco Production Company
Attn.: J. N. Jagers
P. O. Box 800
Denver, CO 80201

2. Plat: Attachment No. 1 is a plat which shows the Nugget structure and the proposed injection well ARE Unit No. W31-12. A half mile radius circle is drawn around the bottom hole location of the proposed injection well to show the project area.

3. Description of Operation: Amoco Production Company proposes to convert one well to gas injection to expand existing gas flooding operations to increase ultimate oil and condensate recovery. ARE No. W31-12 is located near the center of the Nugget structure and will provide injection support for a number of offset producers.

4. Producing Pools: Formations which are producing in the Anschutz Ranch East Field are the Nugget and Twin Creek Formations.

5. Pool to be Affected: The formation to be affected is the Nugget. The Nugget Formation in the Anschutz Ranch East Field is a rich gas condensate accumulation producing from an asymmetric anticline structure. Produced gas and nitrogen are reinjected to maintain reservoir pressure above the dew point and maximize oil and condensate recovery. The Nugget is a Jurassic age 1,100 foot gross thick eolian sandstone with an average net thickness of 816 feet. The porosity in the Nugget averages 10.1% and the average permeability is 3 md. The average depth of the Nugget reservoir is 13,200 ft.

6. Logs: Open hole logs were submitted when the wells were drilled and completed and are on file with the Commission. A copy of the cement bond log is attached with this application. This log shows cement to the top of the 4-1/2 inch liner which is set at 9,879 feet.

7. Injection Fluid: The fluid injected will be produced gas and nitrogen from the Anschutz Ranch East NGL/NRU Plant. All produced gas in the Anschutz Ranch East Field is processed at the NGL/NRU Plant with the oil, condensate and NGL recovered. Nitrogen is added to the produced gas and reinjected to maintain reservoir pressure. A composition of the injection stream is found in Attachment No. 2. The

estimated injection rate will be between 5 MMSCFD and 60 MMSCFD. The average injection rate is estimated to be 30 MMSCFD.

8. Lease Operations or Owners and Surface Owners : The Anschutz Ranch East Unit is operated by Amoco Production Company. Attachment No. 3 is a list of the other working interest owners in the Unit and all surface owners within the one-half mile radius of the proposed injection well.

9. Affidavit: An affidavit stating that said lease operators or owners and surface owners within a one-half mile radius have been provided a copy of the application is included as Attachment No. 4.

10. Casing: The current casing program is shown on the wellbore diagram in Attachment No. 5 for the proposed injection well. The casing will be tested to 1,000 psi prior to injection.

11. Fluid Analysis: A Nugget Formation water analysis is included as Attachment No. 6. A Nugget Formation produced gas and condensate analysis is included as Attachment No. 7.

12. Injection Pressure: The expected average surface injection pressure is 5,300 psi at an average injection rate of 30 MMSCFD. The maximum anticipated injection pressure is 6,100 psi.

13. Formation Parting Pressure: The Nugget formation has a bottom hole formation parting pressure of 0.52 psi/foot. The Utah Division of Oil, Gas, and Mining has approved a maximum surface injection pressure of 6,100 psi. The Nugget Formation is overlain by the Jurassic Pruess and Twin Creek Formations. The Pruess is approximately 1,100 feet in gross thickness and consists of shale, siltstones, and salts. The Twin Creek Formation is approximately 1,600 feet in thickness and consists of shales and carbonates. Neither of these formations are USDW's. These formations provide an adequate hydraulic seal and will confine injected fluids in the Nugget Formation.

14. Mechanical Integrity: Attachment No. 8 is a list of wells that penetrate the Nugget formation within a quarter mile radius of the two injection wells. Attachment Nos. 8a through 8e are the wellbore diagrams showing the casing program and cement tops for each well. We have reviewed all of these wells and they are in sound mechanical condition. Injected fluids will not migrate to potential USDW's.

15. Aquifer Exemption: The Nugget formation has been previously exempted and is an active injection project.

16. Areal Extent of Fresh and Potable Water: There are some shallow usable fresh and potable water (USDW) formations underlying the area of injection. The shallow aquifers produce from the Cretaceous Kelvin formation located at a depth of 2,200 feet. These shallow aquifers are protected by surface casing that is set at an average depth of 2,675 feet.

RECEIVED

AMOCO PRODUCTION COMPANY

AUG 16 1993

DIVISION OF
OIL, GAS & MINING

HYDROCARBON GAS ANALYSIS

COMPANY :	AMOCO PROD COMP	ANALYSED :	04-08-1993
PLANT :	ARE/NRU	ANALYST :	SHARLEEN NESTON
SOURCE :	DISCHARGE OF COMP	CONTROL # :	N2 20IN
PRESSURE :	1100	DATA FILE :	A:Q196BE13.RPT
TEMPERATURE :	NA	METER # :	NA
DATE :	04-07-1993	REMARKS :	NO

COMP.	MOL %	G.P.M.	TOTAL SAMPLE PROPERTIES
N2	59.77%	6.53846	@ 60°F, 14.696 PSIA GPA 2145 - 90
CO2	0.00%	0.00000	SPECIFIC GRAVITY : 0.804
C1	39.71%	6.71514	% RESIDUE GAS : 40.23 %
C2	0.52%	0.13876	CRITICAL PRESSURE : 563 PSI
C3	0.00%	0.00000	CRITICAL TEMPERATURE : 275 °R
IC4	0.00%	0.00000	GROSS HEATING VALUE : 410.60 (BTU CU.FT.)
NC4	0.00%	0.00000	
IC5	0.00%	0.00000	
NC5	0.00%	0.00000	
C6	0.00%	0.00000	
C7	0.00%	0.00000	
C8	0.00%	0.00000	
C9	0.00%	0.00000	
C10	0.00%	0.00000	
TOTAL	100.0%	13.39236	
FRAC.	MOL%	G.P.M.	
C3+	0.00%	0.000000	
C5+	0.00%	0.000000	
C7+	0.00%	0.000000	

Anshutz Ranch East Working Interest Owners

The Anschutz Corporation
555 17th St., Suite 2400
Denver, CO 80202
Attn: William G. Halbert

Norcen Explorer Inc.
200 Westlake Park Blvd.
Suite 800
Houston, TX 77079-2653
Attn: Glenn Forgan

Union Pacific Resources
PO Box 7
Ft. Worth, TX 76101-0007
Attn: Wendell Hibbett

Chevron U.S.A. Production Company
PO Box 1635
Houston, TX 77251
Attn: W. M. Sellers

Mobil Exploration and Production
12450 Greenspoint Dr.
Houston, TX 77060
Attn: Norm Smith

Antelope Company
555 17th St., Suite 2400
Denver, CO 80202
Attn: Hugh Braly

James B. Wallace
555 17th St., Suite 1900
Denver, CO 80202

Ray Brownlie
555 17th St., Suite 1900
Denver, CO 80202

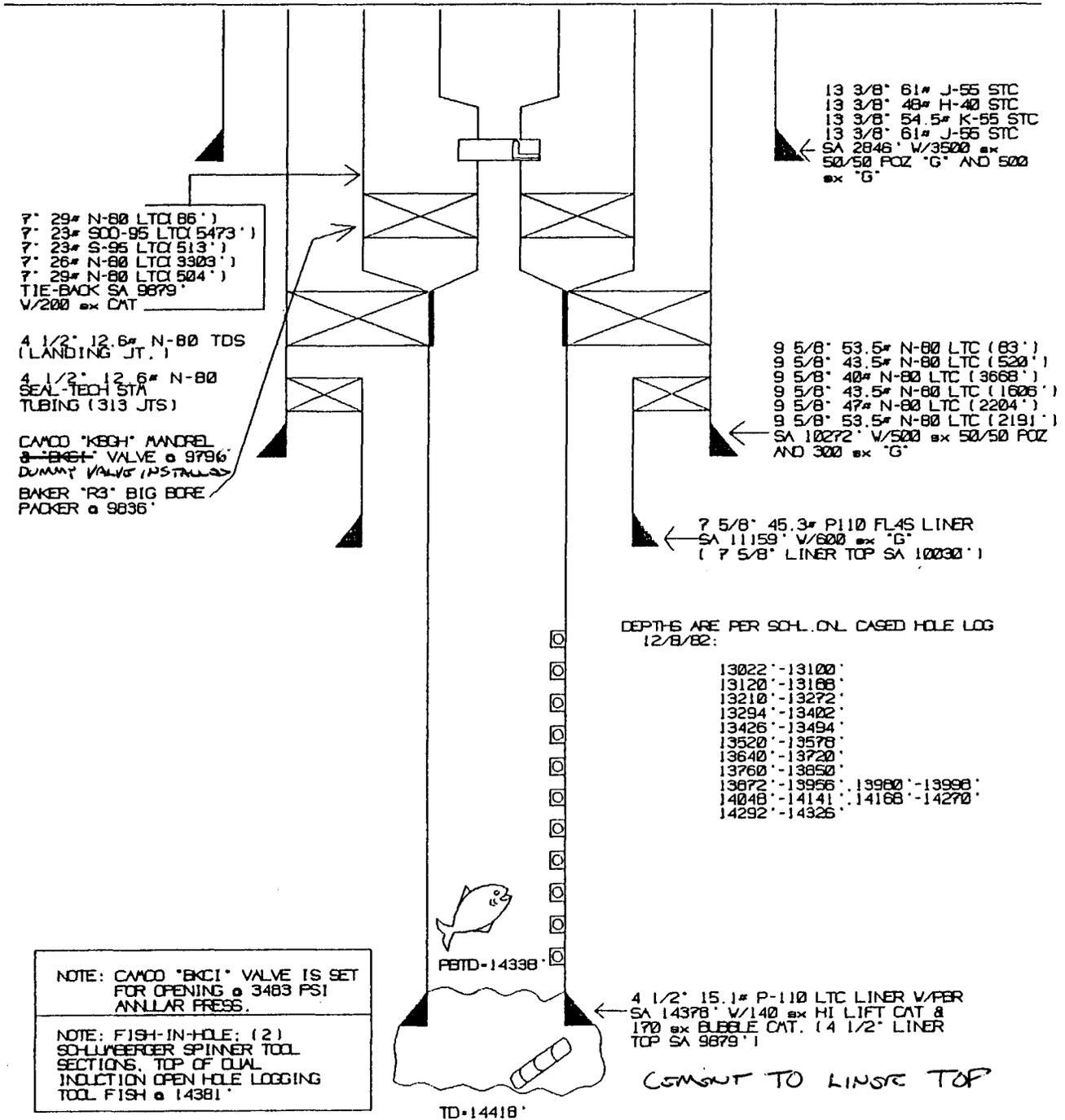
J. H. Bander
555 17th St., Suite 1900
Denver, CO 80202

Jerry D. Armstrong
555 17th St., Suite 1900
Denver, CO 80202

Sarco Oil Properties Limited
Liability Company
555 17th St., Suite 2400
Denver, CO 80202

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W31-12

LOCATION: 1778 'FNL x 640 'FWL SEC. 31 T4N R8E
ELEVATION: 7870 'GL 7890 'KB





WELCHEM, INC.
708 N. Main
P.O. Box 179
Seminole, Texas 79360-0179
915-753-5867

ATTACHMENT NO. 6
LATS NO. 42336



ANALYTICAL SERVICES REPORT
WATER ANALYSIS

Date Received: 06/11/91 By: LLH Date Out: 06/24/91

Company: AMOCO PRODUCTION COMPANY
Salesman: PAUL CAMPBELL
Lease: ANSHUTZ RANCH EAST
Source:

Date Sampled: 06/05/91
County:
State:
Well: E 26-13

DISSOLVED SOLIDS
CATIONS

Table with 3 columns: Cation Name, mg/l, me/l. Rows include Sodium, Calcium, Magnesium, Potassium, Iron, Manganese, Barium, Strontium.

OTHER PROPERTIES

Table with 2 columns: Property Name, Value. Rows include pH, Specific Gravity, Nomograph Sp. Gr., Temperature, Resistivity.

ANIONS

Table with 3 columns: Anion Name, mg/l, me/l. Rows include Chloride, Sulfate, Carbonate, Bicarbonate.

Total Dissolved Solids (calc.) 71,931 ppm

SCALING TENDENCIES (MG/L):

Table with 8 columns: TEMP (F), P (PSI), CO2 (PSI), PH, CASO4, BASO4, SRSO4, CACO3. Shows scaling indices for various conditions.

Remarks & Recommendations:

Calculations based upon entered pH.

WELCHEM Representative Brent Hargett

Page 34 of 40
 File ARFL-910076
 Well W31-12
 Separator 2-15

HYDROCARBON ANALYSES OF SEPARATOR PRODUCTS

<u>Component</u>	<u>Separator Liquid</u>	<u>Separator Gas</u>	
	<u>Mol Percent</u>	<u>Mol Percent</u>	<u>GPM</u>
Hydrogen Sulfide	0.00	0.00	
Carbon Dioxide	0.08	0.11	
Nitrogen	2.85	25.02	
Methane	18.02	58.97	
Ethane	6.31	3.99	1.067
Propane	5.73	1.18	0.325
iso-Butane	2.03	0.20	0.065
n-Butane	3.27	0.25	0.079
iso-Pentane	1.84	0.08	0.029
n-Pentane	2.19	0.07	0.025
Hexanes	4.12	0.05	0.019
Heptanes	8.06	0.04	0.017
Octanes	13.54	0.03	0.014
Nonanes	8.91	0.01	0.000
Decanes	6.16	0.00	0.000
Undecanes plus	<u>16.89</u>	<u>0.00</u>	<u>0.000</u>
	100.00	100.00	1.640

<u>Properties of Fractions</u>	<u>Heptanes plus</u>	<u>Undecanes plus</u>
API gravity @ 60°F.	45.9	34.0
Density, Gm/Cc @ 60°F.	0.7968	0.8544
Molecular weight	145	217

Calculated separator gas gravity (air=1.000) = 0.743
 Calculated gross heating value for separator gas = 725 BTU
 per cubic foot of dry gas @ 14.73 psia and 60°F.

Primary separator gas collected @ 1200 psig and 45°F. on 10/16/91.
 Primary separator liquid collected @ 1200 psig and 45°F. on 10/16/91.

Separator liquid sample molecular weight = 63.3
 Separator liquid density @ separator conditions = 0.6502 Gm/Cc.

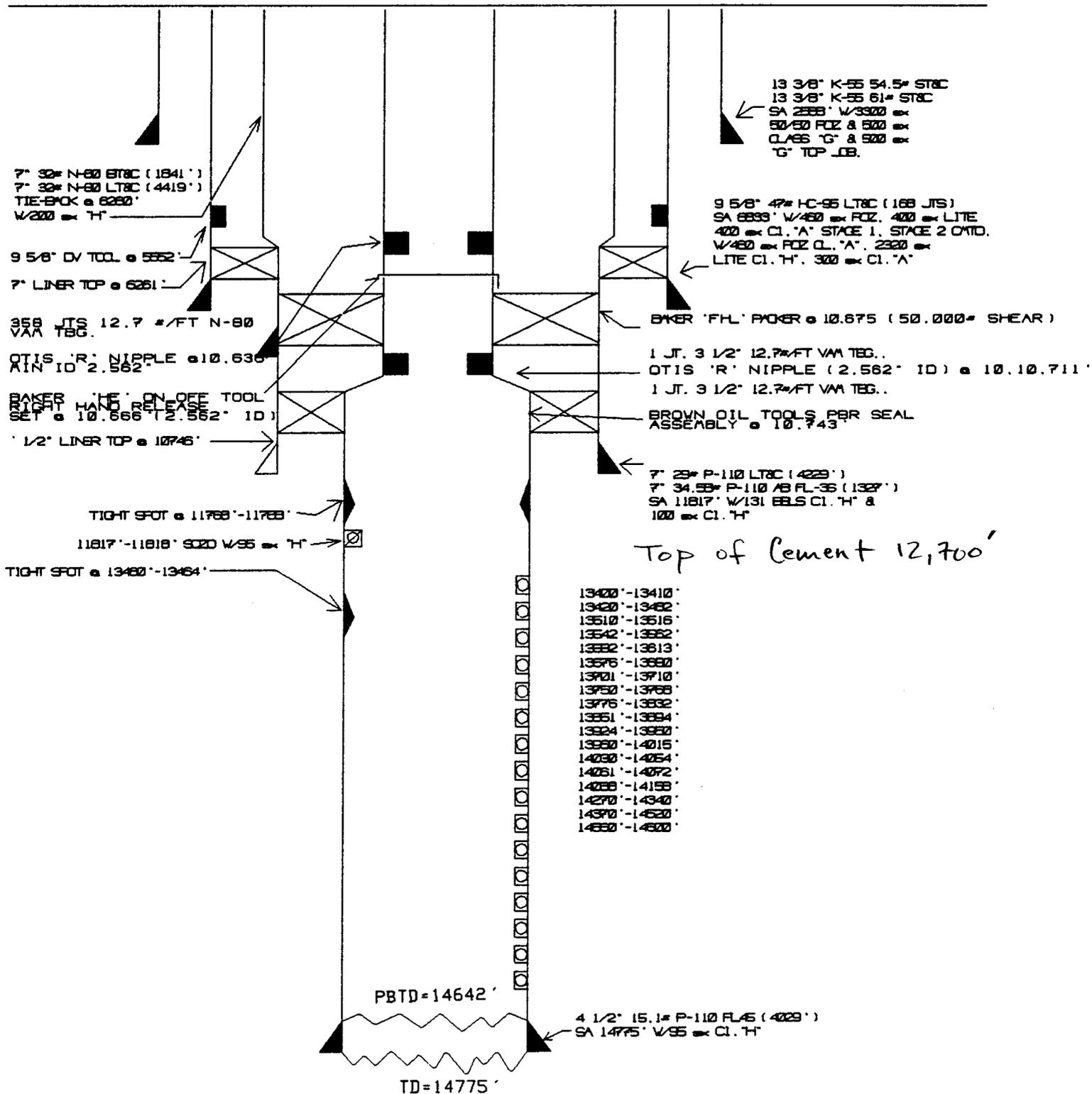
Liquid Cylinder: DEN-140

Gas Cylinder: DEN-127

LAST UPDATED:
07/17/92

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W36-16

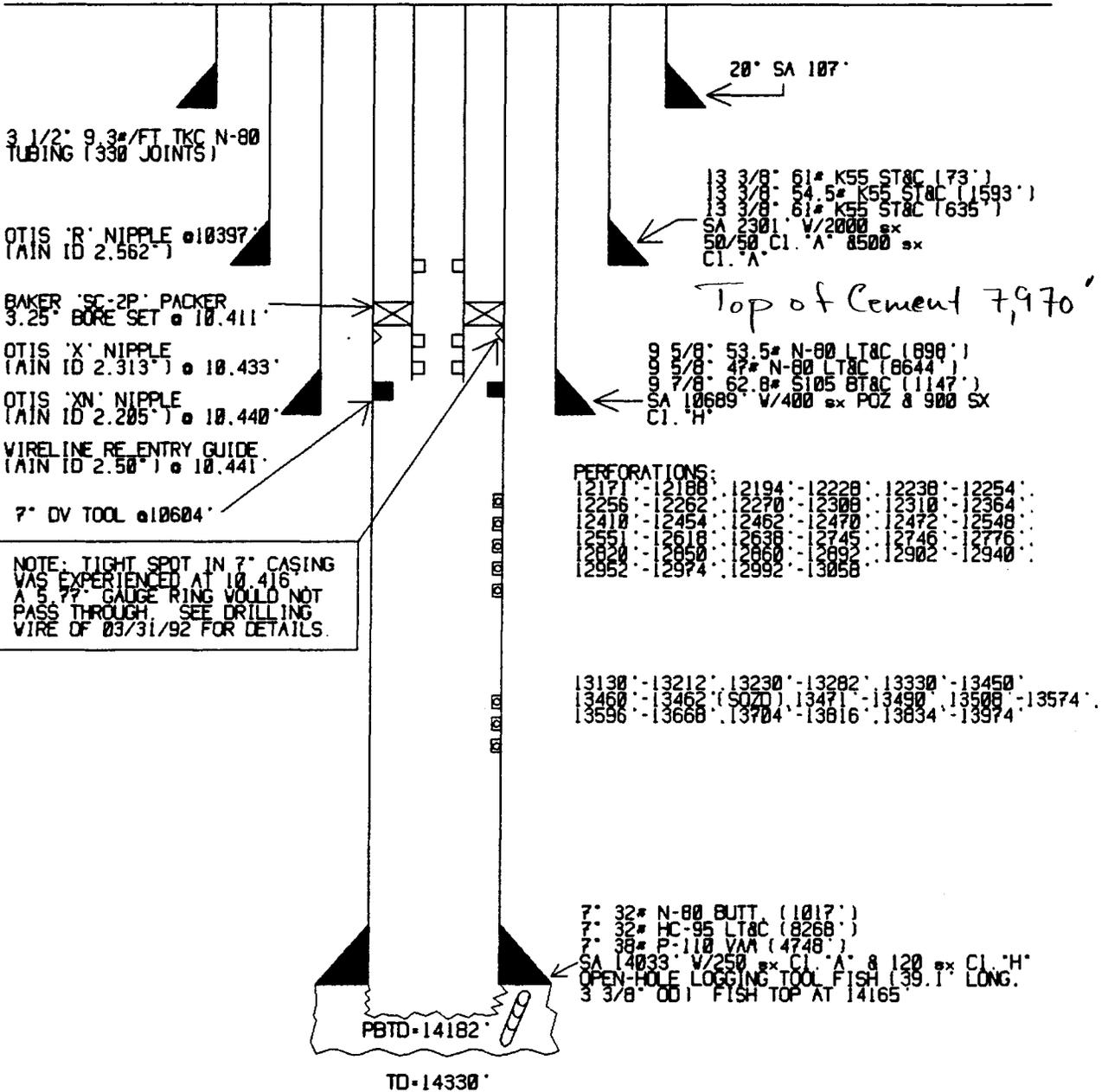
LOCATION: 890' FSL x 447' FEL., SEC. 36 T4N R7E
ELEVATION: 8108' KB 8070' GL



LAST UPDATED:
4/20/92

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W31-06

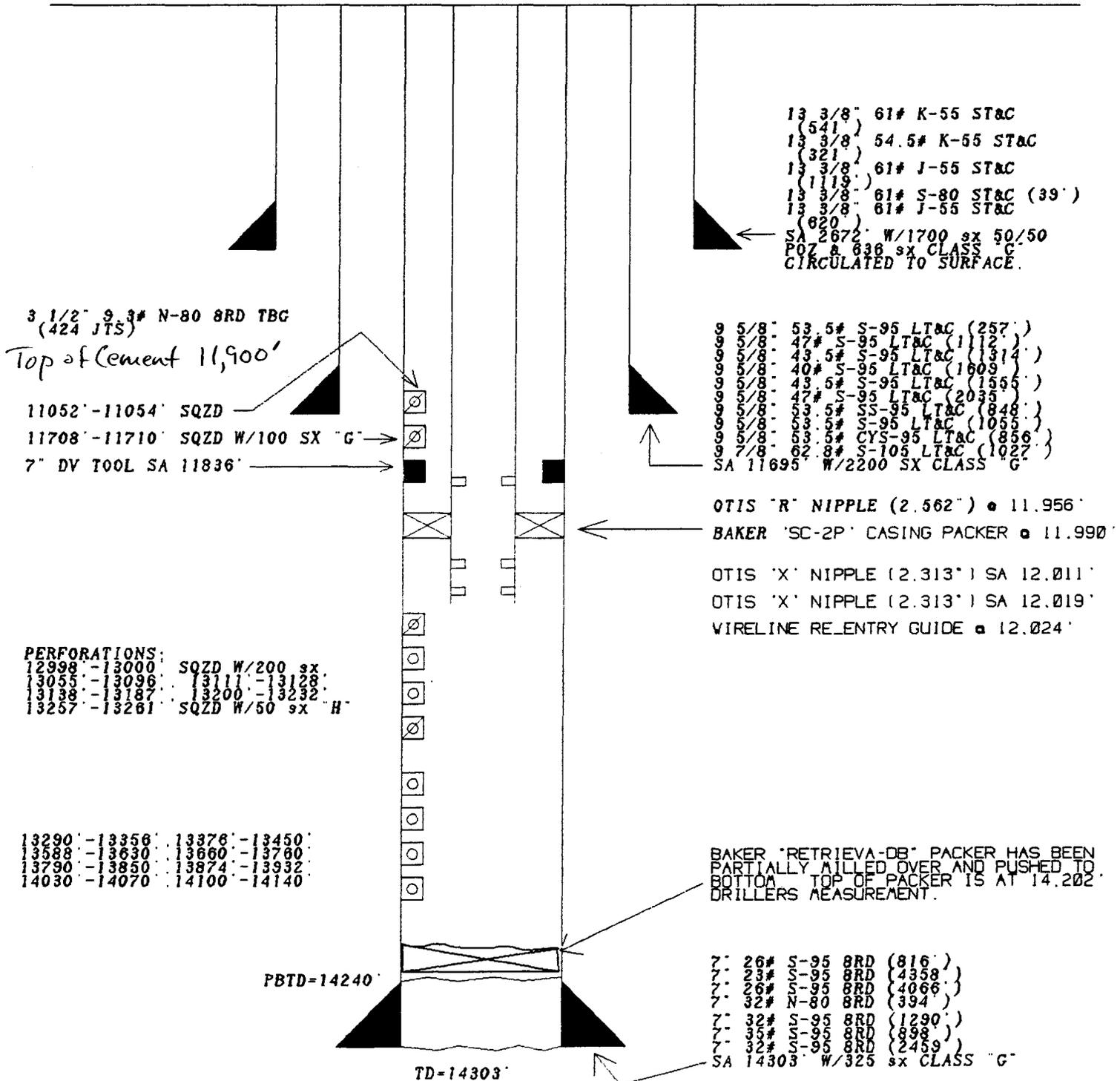
LOCATION: 2181 FWL x 1397 FNL, SEC. 31 T4N R8E
ELEVATION: 7743 G.L. / 7770 K.B.



LAST UPDATED:
01/06/92

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W31-04

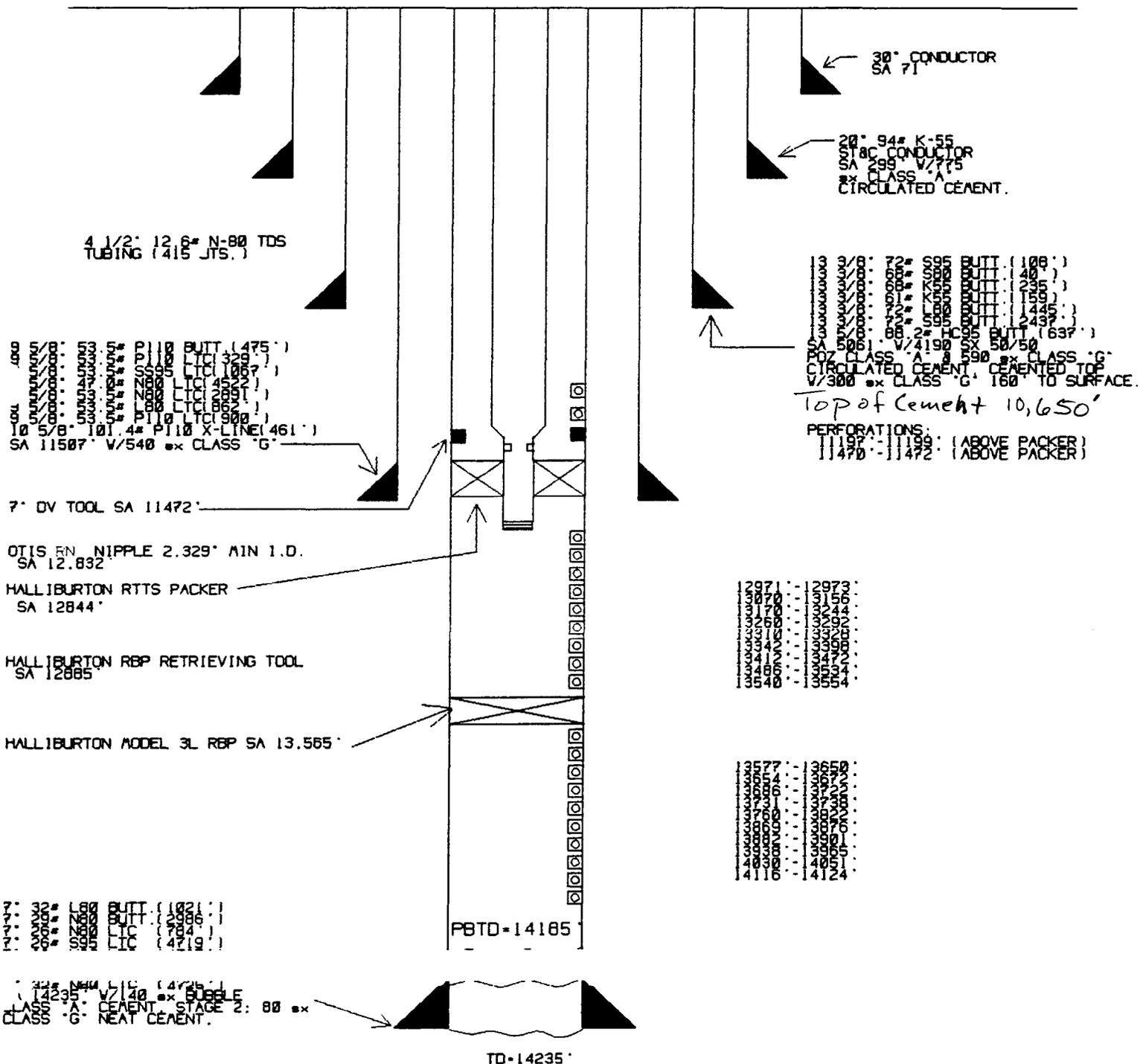
LOCATION: 87' FNL x 731' FWL SEC. 31, T4N, R8E
ELEVATION: 7894' GL / 7926' KB



LAST UPDATED:
4/07/93

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W31-05

LOCATION: 299 FEL x 2338 FNL, SEC. 36 T4N R7E
ELEVATION: 8025' GL / 8051' KB

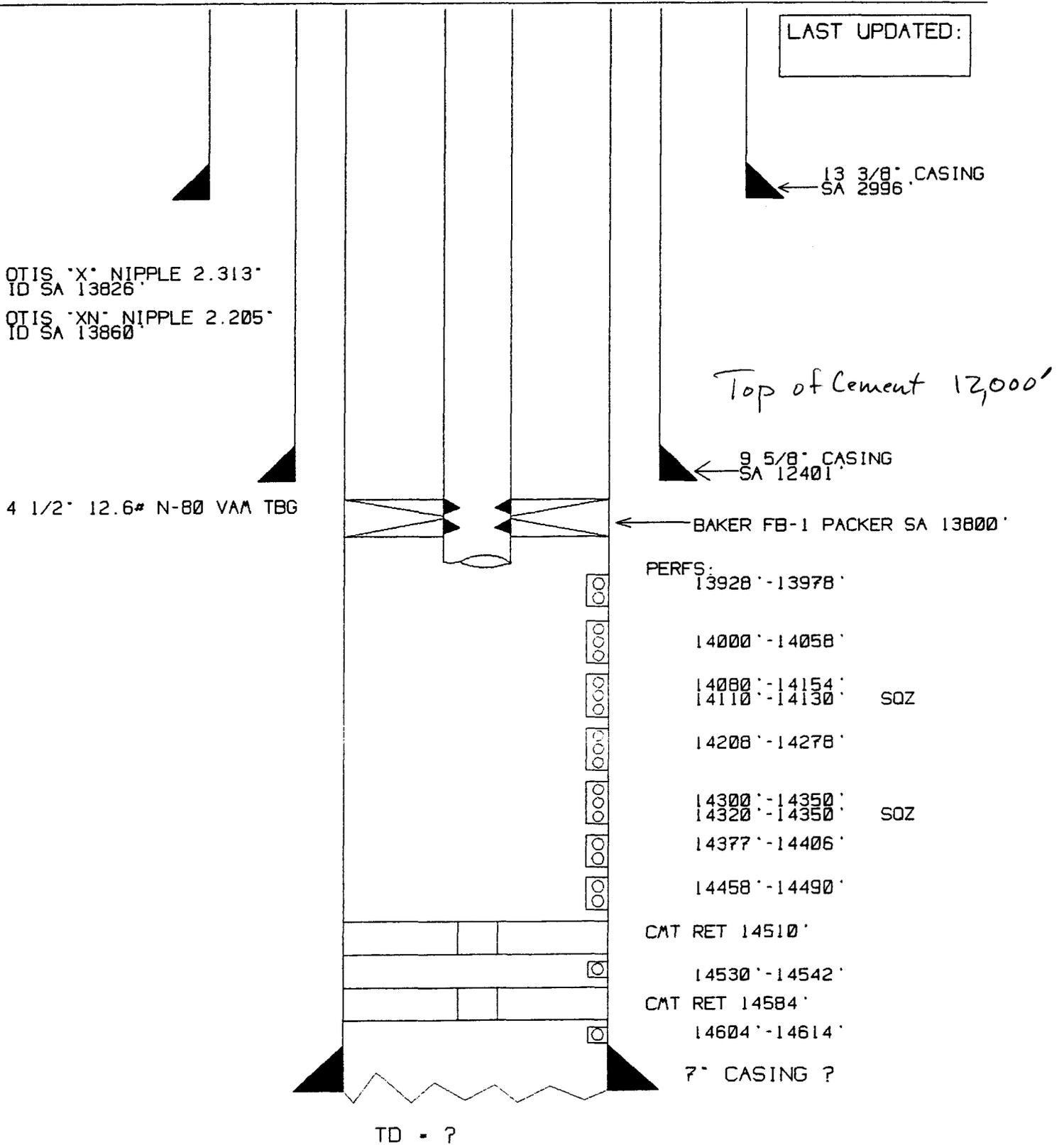


ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W36-08

ATTACHMENT NO. 8e

LOCATION: 1641' FNL X 1183' FEL, SEC. 36, T4N, R8E

ELEVATION: 8228' KB / 8206' GL



LEGAL ADVERTISING INVOICE

RECEIVED

SEP 07 1993

DIVISION OF OIL, GAS & MINING

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 W NO TEMPLE, #350 SALT LAKE CITY, UT 84180	LE-5385340	09/03/93
FOR BILLING INFORMATION CALL (801) 237-2822		

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC/137BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON SEP 02 1993

SIGNATURE _____
DATE 09/03/93

NOTICE OF AGENCY ACTION
CAUSE NO. UIC/137
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION CO. FOR ADMINISTRATIVE APPROVAL OF THE ANSCHUTZ RANCH NO. W31-12 WELL LOCATED IN SECTION 31, TOWNSHIP 4 NORTH, RANGE 8 EAST, SLM, SUMMIT COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Amoco Production Company for administrative approval of the Anschutz Ranch East No. W31-12 Well, located in Section 31, Township 4 North, Range 8 East, Summit County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Nugget formation interval from 13,022 feet to 14,326 feet will be selectively perforated for gas injection. The average injection pressure is estimated to be 5100 psig and the estimated injection volume will be 30 MMCF of gas per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at hearing how this matter affects their interests.

DATED this 25th day of August 1993

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING
/s/ R. J. Firth
Associated Director
8U820010

ACCOUNT NAME		TELEPHONE
GAS & MINING		801-538-5340
SCHEDULE		AD NUMBER
		8U820010
NO.	CAPTION	MISC CHARGES
	NOTICE OF AGENCY ACTION CAUSE NO. UIC/137BEFOR	.00
SIZE	TIMES	RATE
1 COLUMN	1	1.64
TOTAL AMOUNT DUE		AD CHARGE
116.44		116.44

THANK YOU FOR USING LEGAL ADVERTISING.

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

LEGAL ADV06-NT

AD NUMBER	BILLING DATE	PAY THIS AMOUNT
8U820010	09/03/93	116.44

LEGAL ADVERTISING

MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING
355 W NO TEMPLE, #350
SALT LAKE CITY, UT 84180

COPY

20010600000000000001164418813681731121711111111111122755

PLEASE REMOVE THIS STUB

PROOF OF PUBLICATION



STATE OF UTAH, |
County of Summit, |^{ss.}

I, Shirley B. Phelps

being first duly sworn, depose and say that I am the _____
bookkeeper of The Summit County Bee, a week-
ly newspaper of general circulation, published once each week at
Coalville, Utah, that the notice attached hereto and which is a
Notice of Agency Action Cause No UIC-137

_____ was published in said newspaper for _____ 1 _____ con-
secutive issues, the first publication having been made on the
_____ 3 _____ day of September, 1993, and the last
on the _____ day of _____, 19____, 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.

Shirley B. Phelps

Subscribed and sworn to before me this _____ 3 _____ day of
_____ September _____, 1993.

Susan L. Bump
Notary Public

My commission expires Nov 1, 1996

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

IN THE MATTER OF THE
APPLICATION OF AMOCO
PRODUCTION CO. FROM AD-
MINISTRATIVE APPROVAL OF
THE ANSCHUTZ RANCH NO.
W31-12 WELL LOCATED IN
SECTION 31, TOWNSHIP 4
NORTH, RANGE 8 EAST,
S.L.M., SUMMIT COUNTY,
UTAH, AS A CLASS II
INJECTION WELL

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-137

THE STATE OF UTAH TO
ALL PERSONS INTERESTED IN
THE ABOVE ENTITLED MAT-
TER.

Notice is hereby given that the
Division is commencing an infor-
mal adjudicative proceeding to con-
sider the application of Amoco
Production Company for adminis-
trative approval of the Anschutz
Ranch East No. W31-12 Well, lo-
cated in Section 31, Township 4
North, Range 8 East, Summit
County, Utah, for conversion to a
Class II injection well. The pro-
ceeding will be conducted in accor-
dance with Utah Admin. R.649-10,
Administrative Procedures.

The Nugget formation interval
from 13,022 feet to 14,326 feet
will be selectively perforated for
gas injection. The average injection
pressure is estimated to be 5100
psig and the estimated injection
volume will be 30 MMCF of gas
per day.

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the application or otherwise inter-
vene in the proceeding, must file a
written protest or notice of inter-
vention with the Division within

fifteen days following publication
of this notice. If such a protest or
notice of intervention is received, a
hearing will be scheduled before the
Board of Oil, Gas and Mining.
Protestants and/or intervenors
should be prepared to demonstrate
at the hearing how this matter
affects their interests.

DATED this 25th day of
August, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Amoco Production Co. **Well:** ARE # 31-12

Location: Sec. 31, T.4 N., R.8 E., Summit County

Ownership Issues:

The proposed well is located in section 31, township 4 north, range 8 east Summit County, Utah. The surface location and working interest is owned by a number of private individuals and various companies within the 1/2 mile area of review, all of which have been sent a notice of intent to convert. An affidavit has been filed stating that surface and mineral owners were notified. Amoco Production is the operator of all leases in the 1/2 mile area.

Well Integrity:

The well proposed for injection is the ARE # 31-12. This well has a 13 3/8" surface casing set at 2846 feet and is cemented to surface. A 9 5/8" intermediate casing was set from surface to 10272 feet and cemented with 800 sacks of cement. A 7 5/8" liner is set from 10030' to 11155'. A second 4 1/2" liner with a 7" tieback is set from 9879' to 14378'. The proposed zone of injection lies within the Nugget Formation at a depth of 13022' to 14326'. This construction should adequately protect all USDW's. There are 5 wells in the 1/2 mile area of review. All of these wells have adequate casing and cement to protect any underground sources of drinking water. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection:

The base of moderately saline water is at a depth of approximately 2500 feet located from surface to the base of the Cretaceous Kelvin Formation in the area of the proposed well. Underground sources of drinking water in the area may be present in the surface alluvium and in shallow sands through the Kelvin Formation. The upper confining zone consists of impermeable shale and limestone beds of the Twin Creek Formation and the salt and shales of the Preuss Formation. The lower confining zone consists of shale, limestone, and sand stringers of the Ankara Formation. Any shallow fresh water zones will be adequately protected by the existing construction. No corrective action is needed on any of the offset wells.

Oil/Gas & Other Mineral Resources Protection:

Injection into this well is for the purpose of pressure maintenance to keep the reservoir

above the dew point and maximize oil and condensate recovery. There will be no adverse affect on any other resources.

Bonding:

Amoco Production Co. holds a statewide bond in the amount of \$80,000 dollars.

Actions Taken and Further Approvals Needed:

A public notice for the injection well was sent for publication to both the Salt Lake Tribune and the Summit County Bee. Board approval of the project was granted previously. Administrative approval should be granted if no objections are received in the 15 day notice period.

DJJ
Reviewers

08-30-93
Date



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

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

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

August 25, 1993

Summit County Bee
20 North Main
Coalville, Utah 84017

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-137

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

August 25, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-137

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WO1168



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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF AMOCO PRODUCTION CO. FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-137
ANSCHUTZ RANCH NO. W31-12 WELL	:	
LOCATED IN SECTION 31, TOWNSHIP	:	
4 NORTH, RANGE 8 EAST, S.L.M.,	:	
SUMMIT COUNTY, UTAH, AS A CLASS	:	
II INJECTION WELL	:	

---ooOoo---

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Amoco Production Company for administrative approval of the Anschutz Ranch East No. W31-12 Well, located in Section 31, Township 4 North, Range 8 East, Summit County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

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DATED this 25th day of August, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Amoco Production Co. Well: ARE W31-12

Location: section 31 township 4N range 8E

API #: 43-043-30190 Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board? Yes.

Lease Type: Fee Surface Ownership: Fee

Field: Anschute Ranch East Unit: Anschute Indian Country: N

UIC Form 1: Yes Plat: Yes Wells in AOR: 5 wells

Logs Available: Yes Bond Log: Yes.

Casing Program: 13 3/8" x 2846', 9 5/8" C 10272 7 5/8" liner 10080-11,159

Integrity Test: To be run at conversion. 4 1/2" w/71' tie back.
9879'-14378'

Injection Fluid: Hydrocarbon gas & Nitrogen.

Geologic Information: The proposed injection zone is the rugget from 13022-14326

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. Yes.

Fracture Gradient Information: .52 psi/g /ft Parting Pressure Previously
approved by board for 6100 psi/g (surface)

Affidavit of Notice to Owners: Yes.

Fresh Water Aquifers in Area: (rebarian Kelvin ~ 2200 feet.

Depth Base of Moderately Saline Water: 2200 ft. - 2600 ft.

Confining Interval: Perm salt and silts and Limes in twin creek

Reviewer: D. Sarenz Date: 8/24-25/93

Comments & Recommendation Sent for publication 8/25/93
received approval. Previously approved Pressure maintenance project.
Application is complete.

**Amoco Production Company
Anschutz Ranch No. W31-12 Well
Cause No. UIC-137**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Summit County Bee
20 North Main
Coalville, Utah 84017

T. Harting
Amoco Production Co.
P.O. Box 800
Denver, Colorado 80201-0800

Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466



Lisa D. Clement
Administrative Secretary
August 25, 1993



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

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

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

glt

September 17, 1993

Amoco Production Company
Amoco Building
1670 Broadway
P.O. Box 800
Denver, Colorado 80201

Re: Conversion of the Anschutz Ranch No. W31-12 Well Located in Section 31, Township 4 North, Range 8 East, Summit County, Utah, to a Class II Injection Well

Gentlemen:

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced well to a Class II injection well is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the Underground Injection Control requirements for operation, maintenance and reporting for Class II injection wells pursuant to Utah Admin. R. 649-1 et seq.
2. Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Fifth
Associate Director, Oil and Gas

ldc
WUI229

LEGAL ADVERTISING INVOICE

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 W NO TEMPLE, #350 SALT LAKE CITY, UT 84180	LE-5385340	09/03/93
FOR BILLING INFORMATION CALL (801) 237-2822		

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC/137BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON SEP 02 1993

SIGNATURE _____

DATE 09/03/93

NOTICE OF AGENCY ACTION CAUSE NO. UIC/137. BEFORE THE DIVISION OF OIL, GAS AND MINING. DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION CO. FOR ADMINISTRATIVE APPROVAL OF THE ANSCHUTZ RANCH NO. W31-12 WELL LOCATED IN SECTION 31, TOWNSHIP 4 NORTH, RANGE 4 EAST, S.1.M., SUMMIT COUNTY, UTAH, AS A CLASS II INJECTION WELL.

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

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Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at hearing how this matter affects their interests.

DATED this 25th day of August 1993

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R. J. Firth
Associated Director
8U820010

ACCOUNT NAME		TELEPHONE
S & MINING		801-538-5340
SCHEDULE		AD NUMBER
		8U820010
NO.	CAPTION	MISC. CHARGES
	NOTICE OF AGENCY ACTION CAUSE NO. UIC/137BEFOR	.00
	TIMES	RATE
1 COLUMN	1	1.64
ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE
		116.44

THANK YOU FOR USING LEGAL ADVERTISING.

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

LEGAL ADV06-NT

NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
40	8U820010	09/03/93	116.44

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NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING
355 W NO TEMPLE, #350
SALT LAKE CITY, UT 84180

COPY

060000000000000116441881368173112171111111111111122755

PLEASE REMOVE THIS STUB

PROOF OF PUBLICATION



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

I, Shirley B. Phelps

being first duly sworn, depose and say that I am the _____
bookkeeper of The Summit County Bee, a week-
ly newspaper of general circulation, published once each week at
Coalville, Utah, that the notice attached hereto and which is a
Notice of Agency Action Cause No UIC-137

was published in said newspaper for _____ 1 _____ con-
secutive issues, the first publication having been made on the
3 day of September, 1993, and the last
on the _____ day of _____, 19____, 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.

Shirley B. Phelps

Subscribed and sworn to before me this _____ 3 _____ day of
September, 1993.

Dorcas L. Buys
Notary Public

My commission expires Nov 1, 1996.



COPY

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

IN THE MATTER OF THE
APPLICATION OF AMOCO
PRODUCTION CO. ~~FROM~~ AD-
MINISTRATIVE APPROVAL OF
THE ANSCHUTZ RANCH NO.
W31-12 WELL LOCATED IN
SECTION 31, TOWNSHIP 4
NORTH, RANGE 8 EAST,
S.L.M., SUMMIT COUNTY,
UTAH, AS A CLASS II
INJECTION WELL

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-137

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ALL PERSONS INTERESTED IN
THE ABOVE ENTITLED MAT-
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sider the application of Amoco
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Ranch East No. W31-12 Well, lo-
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Protestants and/or intervenors
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affects their interests.

DATED this 25th day of
August, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING
R.J. Firth

Associate Director

Published in The Summit
County Bee September 3, 1993.



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

September 17, 1993

Amoco Production Company
Amoco Building
1670 Broadway
P.O. Box 800
Denver, Colorado 80201

Re: Conversion of the Anschutz Ranch No. W31-12 Well Located in Section 31,
Township 4 North, Range 8 East, Summit County, Utah, to a Class II Injection
Well

Gentlemen:

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2. Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Fifth".

R.J. Fifth

Associate Director, Oil and Gas

ldc
WUI229

DEC 08 1993

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:

7. Unit Agreement Name:

Anschutz Ranch East Unit

1. Type of Well: OIL GAS OTHER: convert to injection

8. Well Name and Number:

W31-12

2. Name of Operator:
Amoco Production Company

9. API Well Number:

43-043-30190

3. Address and Telephone Number:
P.O. Box 800, Rm 1842, Denver, CO 80201 (303) 830-4728

10. Field and Pool, or Wildcat:

Anschutz Ranch East

4. Location of Well **1778' FNL, 640' FWL**

Summit

Footages:

County:

QQ, Sec., T., R., M.: **NW/4 NW/4 Sec 31, T4N, R8E**

State:

Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 10-30-93

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 convert subject well to gas injector using the following procedure:

1. Pull tbg, injection valve & pkr.
2. Rerun tbg string and reset pkr. Pressure test pkr to 1000 psi.
3. RTI 10-30-93.

If you require any additional information, please contact Ellen Simon at (303) 830-4728 or Rick Ross (Project Engineer) at (303) 830-4957.

13.

Name & Signature: Ellen Simon

Title: Regulatory Analyst Date: 11/30/93

(This space for State use only)

DEC 08 1993

COPY

SUNDRY NOTICES AND REPORTS ON WELLS

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Anschutz Ranch East Unit

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W31-12

9. API Well Number:

43-043-30190

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

3. Address and Telephone Number: **P.O. Box 800, Rm 1842, Denver, CO 80201 (303) 830-4728**

10. Field and Pool, or Wildcat: **Anschutz Ranch East**

4. Location of Well **1778' FNL, 640' FWL**
Footages:
OO, Sec., T., R., M.: **NW/4 NW/4 Sec 31, T4N, R8E**

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

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 10-30-93

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 convert subject well to gas injector using the following procedure:

1. Pull tbg, injection valve & pkr.
2. Rerun tbg string and reset pkr. Pressure test pkr to 1000 psi.
3. RTI 10-30-93.

If you require any additional information, please contact Ellen Simon at (303) 830-4728 or Rick Ross (Project Engineer) at (303) 830-4957.

13.

Name & Signature: Ellen Simon

Title: **Regulatory Analyst**

Date: **11/30/93**

(This space for State use only)

TATE OF UTAH
DIVISION OF OIL, GAS AND MINING.

RECEIVED
OCT 18 1993

SUNDRY NOTICES AND

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

5. Lease Designation and Serial Number:

See

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Anschutz Ranch East Unit

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

W31-12

2. Name of Operator:
Amoco Production Company

**DIVISION OF
OIL, GAS & MINING**

9. API Well Number:

43-043-30190

3. Address and Telephone Number:
P.O. Box 800, Rm 1842, Denver, CO 80201 (303) 830-4728

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

4. Location of Well
Footages: **1778' FNL, 640' FWL**

County: **Summit**

QQ, Sec.,T.,R.,M.: **NW/4 NW/4 Sec 31, T4N, R8E**

State: **Utah**

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start as soon as possible

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 authorization to convert subject well to gas injector using the following procedure:

1. Pressure test csg. Kill well by pmp filtered 2% KCL H2O down tubing.
2. RIH w/~~viave~~ catcher & set below Camco 'KBGH' mandrel at 9796'.
3. Pull out BKCI viave, replace w/dummy valve. Pressure test to 5000 PSI.
4. Reset pkr & close the BOP's on the tubing. Pressure test backside to 500 PSI
5. Release Baker R3 pkr & lower tubing string to sting back into the PBR. Pressure test annulus to 1500 PSI.
6. RTI.

If you require any additional information, please contact Ellen Simon at (303) 830-4728 or Rick Ross (Project Engineer) at (303) 830-4957.

13. Name & Signature: Ellen Simon

Title: Regulatory Analyst Date: 10/14/93

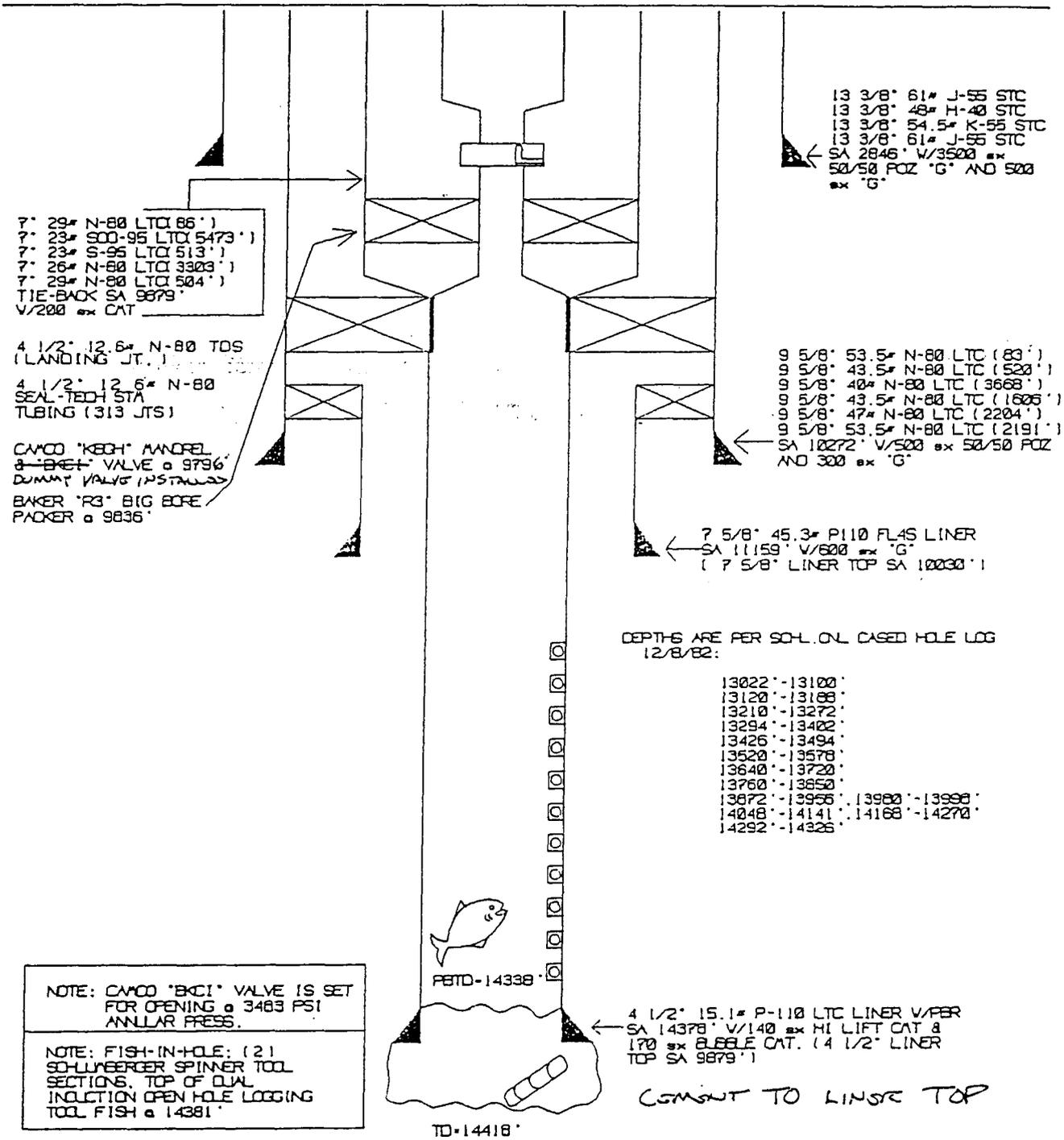
(This space for State use only)

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

DATE: 10-19-93
BY: [Signature]

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W31-12

LOCATION: 1778' FNL x 640' FWL SEC. 31 T4N R8E
ELEVATION: 7870' GL 7890' KB



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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
 AMOCO ROCMOUNT COMPANY
 PO BOX 800
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W17-16			NGSD			Fee		
4304330176	04540	04N 08E 17						
ANSCHUTZ RANCH EAST W30-08								
4304330183	04540	04N 08E 30						
ANSCHUTZ RANCH EAST W30-14								
4304330185	04540	04N 08E 30						
ANSCHUTZ RANCH EAST W01-06								
4304330188	04540	03N 07E 1						
ANSCHUTZ RANCH EAST W31-12								
4304330190	04540	04N 08E 31						
ANSCHUTZ RANCH EAST W19-16								
4304330204	04540	04N 08E 19						
ANSCHUTZ RANCH EAST W30-10								
4304330215	04540	04N 08E 30						
ANSCHUTZ RANCH EAST W31-06								
4304330217	04540	04N 08E 31						
ANSCHUTZ RANCH EAST W20-12								
4304330220	04540	04N 08E 20						
ANSCHUTZ RANCH EAST E28-06								
4304330226	04540	04N 08E 28						
ANSCHUTZ RANCH EAST W36-10								
4304330227	04540	04N 07E 36						
ANSCHUTZ RANCH EAST W20-02								
4304330228	04540	04N 08E 20						
ANSCHUTZ RANCH EAST W20-10								
4304330229	04540	04N 08E 20						
TOTALS								

COMMENTS: _____

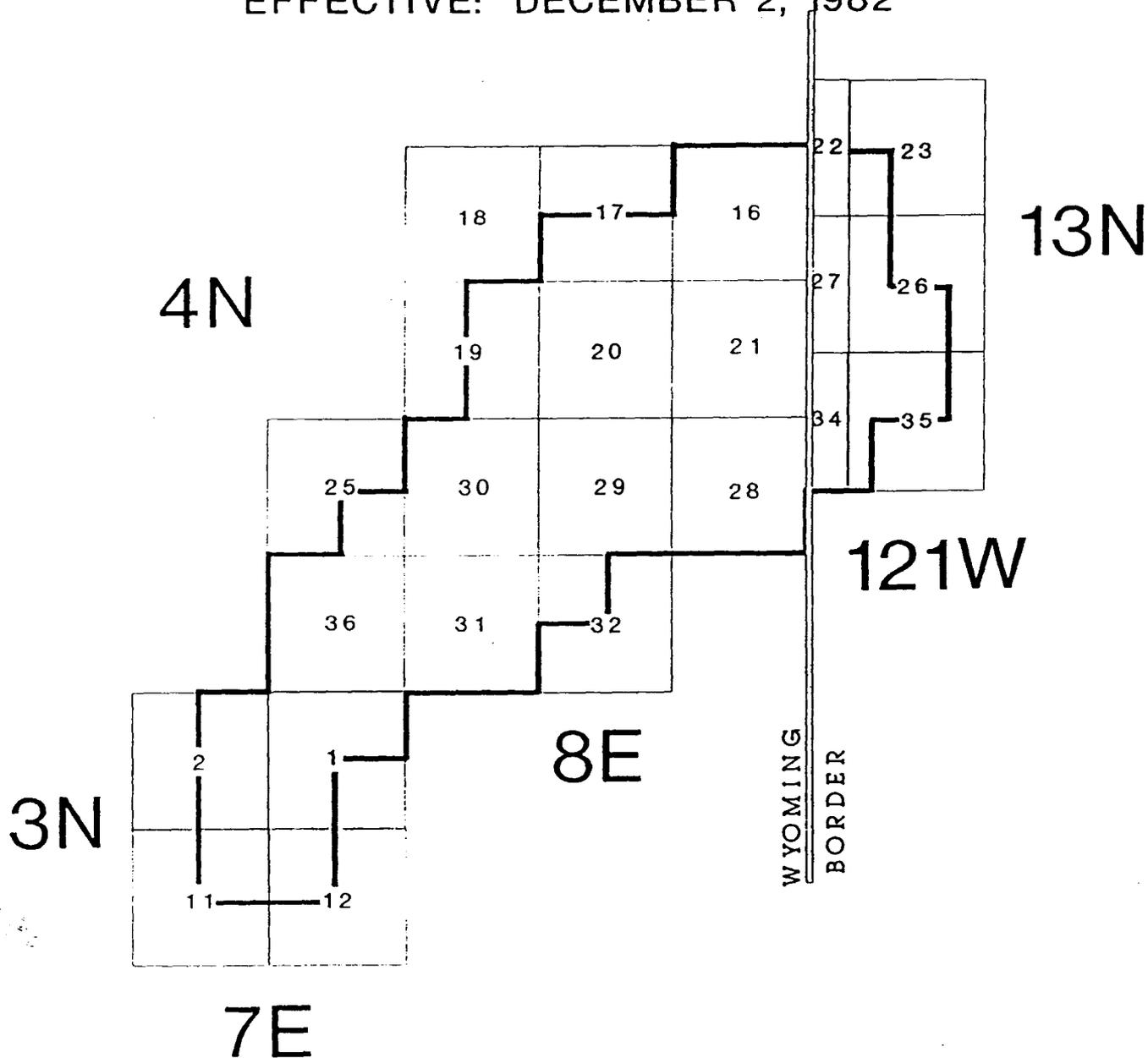
I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

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.

1. Type of Well: OIL GAS OTHER:

Operator: Amoco Production Company

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

4. Location of Well: 1778' FNL, 640' FWL
Footages:
CO, Sec., T., R., M.: Sec 31, T4N, R8E

5. Lease Designation and Serial Number:

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

7. Unit Agreement Name: W31-12

8. Well Name and Number:

9. API Well Number: 43-043-30190

10. Field and Pool, or Wildcat: ARE

County: Summit

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

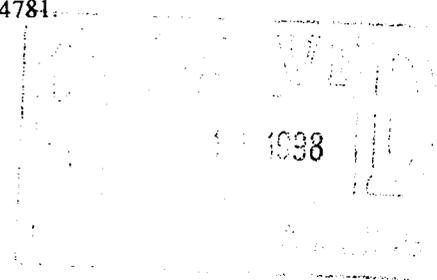
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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

Amoco Production Company 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.



1. Name & Signature: Gigi Martinez

Title: Permit Agent

Date: 2/5/98

Title: _____

Date: _____

(Space for State use only)

State of Delaware
Office of the Secretary of State

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

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

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



Edward J. Freel

Edward J. Freel, Secretary of State

0934277 8100

950022938

AUTHENTICATION:

7391913

DATE:

01-31-95

ANN: Lisha Cordova

801-359-3904

4 pages

*Ed Hallack
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

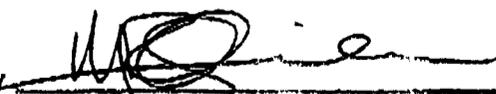
IN WITNESS WHEREOF, said AMOCO ROCMOUNT COMPANY has caused this certificate to be signed by M. R. Gile, its Vice President, and attested by Rebecca S. McGee, its Assistant Secretary, this 26th day of January, 1995.

AMOCO ROCMOUNT COMPANY

ATTEST:

By Rebecca S. McGee
Assistant Secretary

By


M. R. Gile, Vice President

STATE OF COLORADO)
) ss.
 CITY OF DENVER)

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

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

Sheryla A. White
 Notary Public



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

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

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

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

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

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

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

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

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3

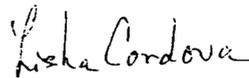
G. G. Martinez

Notification of Sale

February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

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

Lisha Cordova
Admin. Analyst, Oil & Gas

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

OPERATOR CHANGE WORKSHEET

1-ABC	6-ABC
2-GLH	7-KAS
3-FPS	8-SI
4-VLD	9-FILE
5-JRB	

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>43-043-30190</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY) *Surety No. 831094 (80,000) Issued by Seaboard Surety Co. in behalf of Amoco Prod. Co. and Amoco Rocmont Co.*

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

- CHO 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.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: FEE
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name:
		7. Unit Agreement Name: Anschutz Ranch East Unit
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		8. Well Name and Number: W31-12
2. Name of Operator: Amoco Production Company		9. API Well Number: 43-043-30190
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201		10. Field and Pool, or Wildcat: Anschutz Ranch East
4. Location of Well Footages: 1778' FNL x 640' FWL		County: Summit
OO, Sec., T., R., M.: NW/4 NW/4 Sec 31 T4N-R8E		State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
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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 authorization to convert the subject well from a injector to a gas producer. No downhole work will be necessary for the conversion.

If you have any questions, please contact Raëlene Krcil @ (303) 830-5399.

13. Name & Signature: *Raëlene Krcil* Title: Regulatory Analyst Date: 2/14/96

(This space for State use only)

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 2-21-96
By: *[Signature]*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

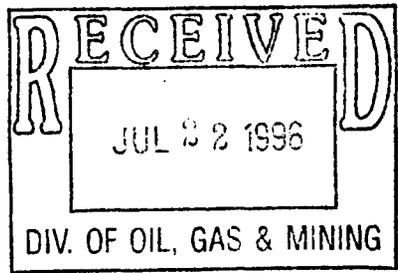
SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: <p style="text-align: center;">FEE</p>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name: 7. Unit Agreement Name: <p style="text-align: center;">Anschutz Ranch East</p>
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	8. Well Name and Number: <p style="text-align: center;">W31-12</p>	
2. Name of Operator: <p style="text-align: center;">Amoco Production Company</p>		9. API Well Number: <p style="text-align: center;">43-043-30190</p>
3. Address and Telephone Number: <p style="text-align: center;">P.O. Box 800 Room 1735E Denver, CO 80201</p>		10. Field and Pool, or Wildcat: <p style="text-align: center;">Anschutz Ranch East</p>
4. Location of Well Footages: 1778' FNL x 640' FWL QQ, Sec., T., R., M.: NW/4 NW/4 Sec 31 T4N-R8E		County: Summit State: Utah

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

NOTICE OF INTENT <small>(Submit in Duplicate)</small>	SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>																										
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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 converted the subject well from an injector to a gas producer. No downhole work was performed. Please change all your records to reflect this conversion.



13. Name & Signature: Raelene Krcil Title: Regulatory Analyst Date: 7/18/96

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Anschutz Ranch East

8. Well Name and Number:

W31-12

9. API Well Number:

43-043-30190

10. Field and Pool, or Wildcat:

Anschutz Ranch East

Type of Well: OIL GAS OTHER:

Name of Operator:
Amoco Production Company

Address and Telephone Number:
P.O. Box 800, Room 1725E, Denver, CO 80201 (303) 830-4781

Location of Well
Notages: 1778' FNL x 640' FWL

County: Summit

Q, Sec., T., R., M.: Sec 31 T4N-R8E NW/4 NW/4

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
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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.)

PLEASE SEE ATTACHED

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

Signature: G. G. Martinez

Title: Permitting Agent

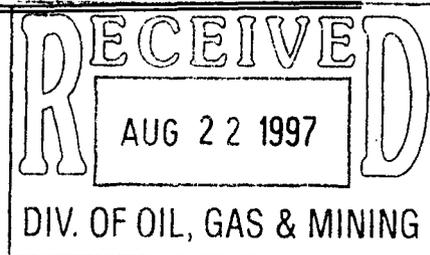
Date: 8/15/97

(Use for State use only)

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

DATE: 8/26/97
John K. Day

(See Instructions on Reverse Side)



8/14/97

ARE W31-12 Workover Procedure

Objective: Pull well to determine tubing restriction. This well was converted to production in 6/96. The well was plugged back to decrease water production and establish production from the upper perforated intervals. The workover was unsuccessful in establishing production and has since had a restriction in the tubing. The restriction is expected to be cement from the plugback. This workover involves removing the current tubing and packer, making a bit and scraper run, setting a CIBP and either re-perforating or acidizing the upper interval (12,752'-13,055') and returning the well to production in the low pressure system.

Note: Please notify Kenton Schoch 4-5 days prior to initiating work on this workover so that arrangements can be made to remove the automation equipment from the wellhead.

1. Dig out cellar around the wellhead and install gauges in the 13 3/8" and 9 5/8" casing spools. If pressure exists, attempt to blow down and fill with water and re-examine for additional leakage.

Note: Because of the poor post workover performance of Anschutz Ranch East wells when kill fluid is used, it is critical that the kill fluid used be absolutely clean. The water should be stored in tanks onsite that have been visually inspected for cleanliness by the Amoco Drilling Foreman. The kill fluids should be filtered to a final level of 1 micron. The filtering should take place after adding the KCl to filter the impurities in the KCl. The filters should be downstream of the storage tanks so that the fluid is filtered just prior to being pumped into the well.

2. MIRUSU. Set back pressure valve in the hanger. ND tree. NU BOP's.
3. Release 'R3' packer and unsting seal assembly from the 'R3'.
4. Circulate out and displace packer fluid with clean fluid. Kill well by pumping 2% KCl water down tubing. During workover, track volume of kill fluid lost to formation and report.
5. Release 'R3' packer. Trip out of hole laying down the 4 1/2" tubing. Notify Bruce Hanson at the ECO when pulling the tubing so that can be onsite to inspect the tubing for corrosion damage.
6. PU bit and scraper for the 4-1/2" liner. Run to plugback depth of 13, 266' (from last report dated 8/4/96).
7. RIH with CIBP and set at 13,110', with 10' of cement on top of plug.
8. Breakdown the following perforated intervals with 7.5 % HCl acid with appropriate additives at 20 gallons per foot of perforations (1600 gallons total), and a plug and

packer assembly; 13,035'-13,055', 12,960'-12,980', 12,800'-12,820' and 12,752'-12,772'.

9. Pick up the following BHA and trip into hole. The tubing should be torque turned while going in the hole.
 - a) Wireline re-entry guide
 - b) Otis 'XN' nipple
 - c) 1 jt. 2 7/8" tubing
 - d) Otis 'X' nipple
 - e) 1 jt. 2 7/8" tubing
 - f) Baker 'R3' packer
 - g) 3 1/2" 9.3 #/ft tubing to surface
10. TIH and position packer at approximately 9,800'. Circulate and displace filtered packer fluid. Set packer. Land tubing. Pressure test annulus to 1500 psi. Report results.
11. Set BPV in the hanger. ND BOP. NU tree.
12. Allow well to unload to pit. Swab if necessary.
13. Return well to production.

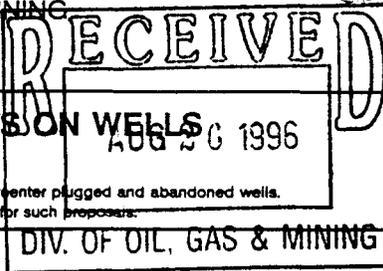
Author: Felicia X. Yuen at denver,rgbuden
Date: 07/22/97 1:43 PM
Priority: Normal
TO: Gigi G. Martinez at denver,rgbuden
Subject: ARE

----- Message Contents -----

Sorry about that, I'll remember to send this out to you first! It's been so long since someone was watching this stuff. W19-16 we are planning to fracture stimulate on Monday, July 28th, let me know if there is a problem. As for W31-12, since it's just downsizing the tubing I think we only need to file the sundry, this one won't be done for about a month if you want to wait. Let me know if you have any questions.

Thanks,
Felicia

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:
FEE

8. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Anschutz Ranch East

8. Well Name and Number:
W31-12

9. API Well Number:
43-043-30190

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

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: Amoco Production Company

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

4. Location of Well
Footages: 1778' FNL x 640' FWL
QQ, Sec., T., R., M.: NW/4 NW/4 Sec 31 T4N-R8E

County: Summit
State: Utah

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

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

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

Amoco Production Company performed a water shut-off on the subject well by the following:

- CO to 14,338'.
- Set a sand plug from 13,290'-14,338'.
- Dump 15' of cmt to 13,275'.
- RTP.

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

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

(This space for State use only)

NO tax credit review - 6/97, 10/97

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

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FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Anschutz Ranch East

8. Well Name and Number:

W31-12

9. API Well Number:

43-043-30190

10. Field and Pool, or Wildcat:

Anschutz Ranch East

Type of Well: OIL GAS OTHER:

Name of Operator:
Amoco Production Company

Address and Telephone Number:
P.O. Box 800, Denver, CO 80202 Room 1725E

Location of Well
Footages: 1778' FNL x 640' FWL
Section 31-T4N-R8E
T.O. Sec., T., R., M.:

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

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
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- 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.

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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 local depths for all markers and zones pertinent to this work.)

The procedure was put on hold indefinitely. Please cancel

If you have any questions you may call Gigi Martinez at (303) 830-4781.

Signature: *Gigi Martinez*

Permitting Agent

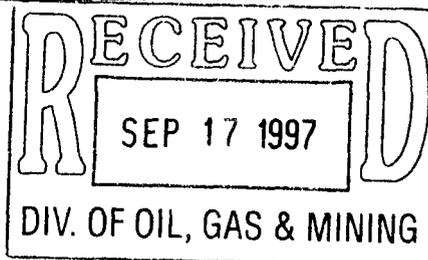
Date: 9/15/97

Title: _____

Date: _____

(Space for State use only)

(See Instructions on Reverse Side)



FORM 9

TATE 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 install plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Lease Number:
FEE

6. If Owner, Address or Tract Name:

7. UML Agreement Name:
ANSCHUTZ RANCH EAST

8. Well Name and Number:
A.R.E. W31-12

9. API Well Number:
4304330170

10. Field and Pool, or Wamsel:
ANSCHUTZ RANCH EAST

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator:
AMOCO PRODUCTION COMPANY

3. Address and Telephone Number:
PH. 281-316-2036
P.O. BOX 3092, HOUSTON, TEXAS, 77253-3092

4. Location of Well
Footing: 1778' FNL x 640' FWL County: SUMMIT
G.O. Sec., T., R., M.: SEC. 31, T4N, R8E State: UTAH

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/> Other <u>TEMPORARY ABANDONMENT</u>			

Approximate date work will start JULY 17, 1999

Date of work completion _____

* 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 trajectory and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL HAS COLLAPSED CASING AND IS CURRENTLY SHUT IN. THE INTENT OF THIS PROGRAM IS TO ABANDON THE COLLAPSE PORTION OF THE WELL AND SALVAGE THE COMPLETION STRING. POTENTIAL USE OF THIS WELLBORE AT A LATER DATE PRECLUDES THE PERMANENT ABANDONMENT OF THE WELL AT THIS TIME.

(SEE THE ATTACHED PROCEDURE)

13. Name & Signature: [Signature] Title: PETR. ENGR. Date: 6/30/99

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

[Signature]
Date: 7-6-99

COPY SENT TO OPERATOR
Date: 7-15-99
Initials: CHD

To: Stacy Swingle
Kenton Schoch

Date: July 12, 1999

Subject: Anschutz Ranch East W31-12 Temporary Abandonment

Please see the attached procedure for the temporary abandonment of Anschutz Ranch East Well W31-12. An impression block run in February 1999 indicated this well to have casing collapse approximately 136 ft above the perforations in the 4 ½" liner. The well has been shutin since 1996 pending an evaluation of production problems.

The tubing string from this well is to be utilized in the completion of horizontal well W31-04. Should you have any questions please contact me in Houston at 281-366-2036.

Terry Miglicco
Operations Engineer

Temporary Abandonment **Anschutz Well No. W31-12**

Location: Section 31, T4N, R8E County: Summit State: Utah

Objective: Pull tubing string and set permanent bridge plug in 4 ½" liner.

Procedure:

- 1.) MIRU workover rig. Conduct pre-workover safety meeting.
- 2.) Load the hole with water.
- 3.) POOH with tubing. (Note: Contact Mike Swick x-2600 to pickup tbg. string for inspection and refurbishing.)
- 4.) RIH with work string and permanent bridgeplug. Set BP at approx. 13,600 ft.
- 5.) POOH with work string
- 6.) Spot 10 ft . cement as necessary on top of BP.
- 7.) Rig down workover.
- 8.) The well should be left loaded with water and shutin.

Contacts:	Stacy Swingle @307-783-2752	Workover Foreman
	Kenton Schoch @ 307-783-2421	ARE Process Foreman
	Scott Pilch @ 307-789-2638	Schlumberger
	Terry Miglicco @ 281-366-2036	ARE Operations Engr. (Houston)

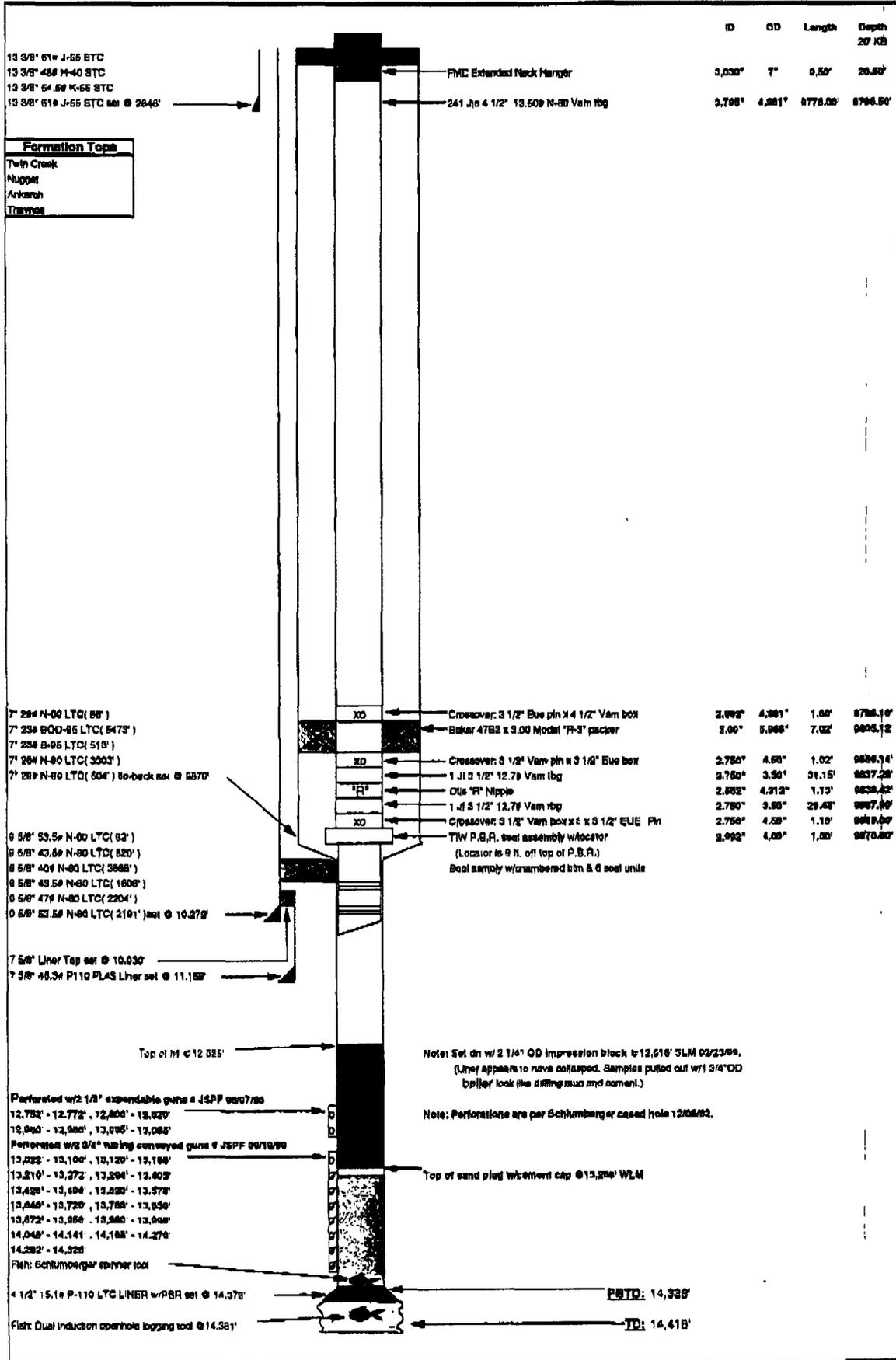
WELL BORE DIAGRAM

Field: Anschutz Ranch

Well: W31-12

SEC: S1 TWP: 4N RGE: 8E

KB 20 FT



FORM 6

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

6. Lease Description and Survey Number:
FEE

6. If Tractor, Abandon or Trunk Name:

7. Lease Agreement Name:
ANSCHUTZ RANCH EAST

8. Well Name and Number:
A.R.E. W31-12

9. API Well Number:
4304330170

10. Field and Pool, or Wellbore:
ANSCHUTZ RANCH EAST

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
AMOCO PRODUCTION COMPANY

3. Address and Telephone Number:
**PH. 281-366-2086
P.O. BOX 3092, HOUSTON, TEXAS, 77253-3092**

4. Location of Well
Footage: **1778' FNL x 640' FWL**
Co. Sec., T., R., M.: **SEC. 31, T4N, R8E**

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

NOTICE OF INTENT
(Abstract in Questionnaire)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Multiple Completion
 Other **TEMPORARY ABANDONMENT**

New Construction
 Pull or Alter Casing
 Recomplete
 Repair/Seal
 Vent or Flare
 Water Shut-Off

SUBSEQUENT REPORT
(Abstract Original Form Only)

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: **JULY 17, 1999**

Date of work completion: **JULY 20th, 1999**

Report results of Multiple Completions and Reperforations to adhere to requirements on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a detailed completion report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data. If well is directionally drilled, give subsurface logs and formation and true vertical depth for all markers and zones pertinent to the work.)

THIS WELL HAS COLLAPSED CASING AND IS CURRENTLY SHUT IN. THE INTENT OF THIS PROGRAM IS TO ABANDON THE COLLAPSE PORTION OF THE WELL AND SALVAGE THE COMPLETION STRING. POTENTIAL USE OF THIS WELLBORE AT A LATER DATE PRECLUDES THE PERMANENT ABANDONMENT OF THE WELL AT THIS TIME.

(SEE THE ATTACHED PROCEDURE)

13. Name & Signature: *Peter Krueger* Title: PETR. ENGR. Date: 6/30/99

(This space for State use only)

APPROVED

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

[Signature]
Date: 11-15-99

SENT TO OPERATOR
DATE: 11-16-99
BY: CHR

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

FORM 9

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

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

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

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

Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

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

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

NAME (PLEASE PRINT) <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,

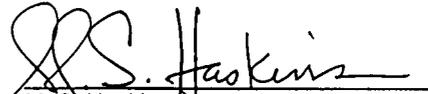
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

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.

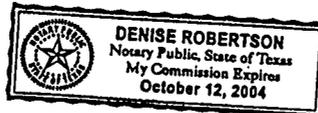
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




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

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		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: Anschutz Ranch East
2. NAME OF OPERATOR: Amoco Production Company		8. WELL NAME and NUMBER: W31-12
3. ADDRESS OF OPERATOR: P.O. Box 3092 CITY Houston STATE TX ZIP 77253-3092		9. API NUMBER: 430433019 0
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778' FNL x 640' FWL		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 31 4N 8E 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 (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/17/2001	<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 checked="" 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.
W31-12 was logged off. The tubing size was reduced from 4-1/2" to 3-1/2" in hopes of increasing velocity. Velocity would allow well to avoid logging off. Details on attached wellbore diagram.

NAME (PLEASE PRINT) <u>Jon Lowe</u>	TITLE <u>Production Engineer</u>
SIGNATURE	DATE <u>2/26/02</u>

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RECEIVED
MAR 06 2002

AMOCO PRODUCTION CO.

UPDATED: 1/16/2001

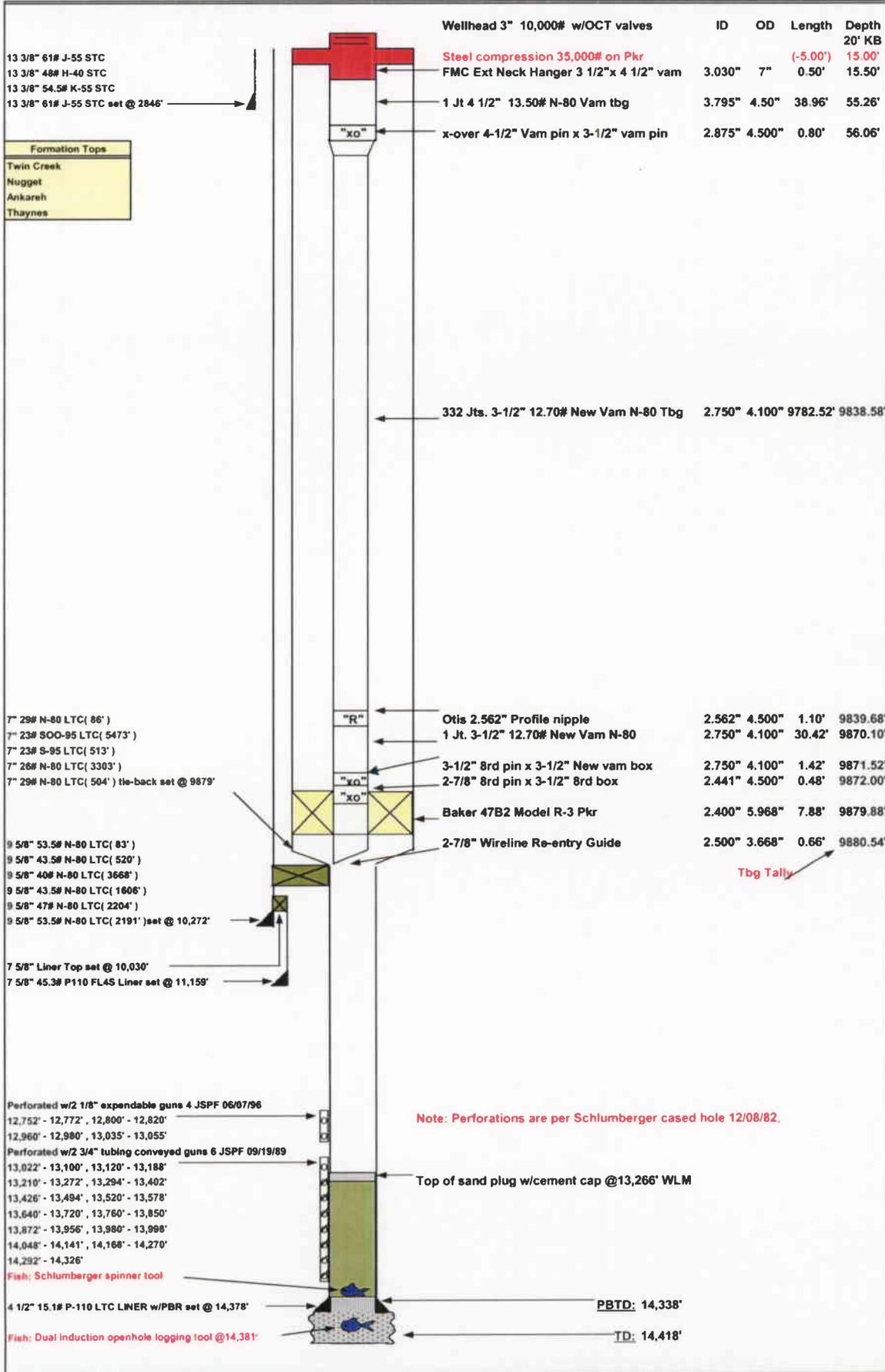
Submitted by: M. OLSON

WELLBORE DIAGRAM

Field: Anschutz Ranch
Well: W31-12

SEC: 31 TWP: 4N RGE: 8E

K.B. elevation 7890'
G.L. 7870' KB 20 FT



Note: Perforations are per Schlumberger cased hole 12/08/82.

Tbg Tally

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: ARE W31-12	
2. NAME OF OPERATOR: BP AMERICA PRODUCTION COMPANY SUITE A		9. API NUMBER: 4304330190
3. ADDRESS OF OPERATOR: 1013 CHEYENNE DR. CITY EVANSTON STATE WY ZIP 82930	PHONE NUMBER: (303) 423-5749	10. FIELD AND POOL, OR WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778 FNL X 640 FWL		COUNTY: SUMMIT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 31 4N 8E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<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/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 checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

The ARE W31-12 is shut in and has not been plugged and abandoned due to potential for sidetrack or deep drill. BP's plan is to hold these wells in a Temporarily Abandoned status until this potential is verified or eliminated. Upon elimination of potential, the wells will be plugged and abandoned. As for mechanical integrity: These wells all have packers installed and casing pressure is monitored by our field personnel. The wellhead valves are also on a regular PM for greasing and testing.

Please call Kris Lee at 303-423-5749 or Clark Lawler at 307-783-2406 if you have questions.

COPY SENT TO OPERATOR
Date: 11-19-03
Initials: CHD

RECEIVED
MAR 27 2003

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see attached sheet).

[Signature]
November 19, 2003
Utah Division of Oil, Gas and Mining

NAME (PLEASE PRINT) <u>Kristina A. Lee</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Kristina A. Lee</u>	DATE <u>3/17/2003</u>

(This space for State use only)

INFORMATION REQUIRED TO EXTEND SI/TA OF WELL

Well Name and Number: ARE W31-12
API Number: 43-043-30190
Operator: Merit Energy Company
Reference Document: Original Sundry dated March 17, 2003, received by
DOGGM on March 27, 2003

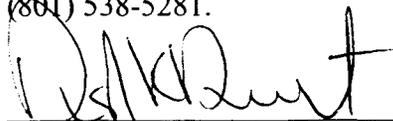
The well has been Shut-in/Temporarily Abandoned for 7 years 1 month. Insufficient information was submitted to the Division to approve the referenced well for continued Shut-in or Temporary Abandonment (SI/TA). The following requirements of R649-3-36 have not been met with this request for SI/TA approval.

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

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

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

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



Dustin K. Doucet
Petroleum Engineer

November 19, 2003

Date

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: See Attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		8. WELL NAME and NUMBER: See Attached
2. NAME OF OPERATOR: BP America Production Company		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv CITY Houston STATE TX ZIP 77079		PHONE NUMBER: (281) 366-2000
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		10. FIELD AND POOL, OR WILDCAT: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: See Attached
		STATE: UTAH

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

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

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

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

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

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Fred N. 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

(This space for State use only)

RECEIVED
JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	685	W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1592	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2460	E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	618	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1283	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	968	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1285	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENE	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENE	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENE	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENE	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1780	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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



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

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

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

August 26, 2003

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

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

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

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

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

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

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

7/1/2003

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

CA No.

Unit:

ANSCHUTZ RANCH EAST

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Merit Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Ste 500 CITY Dallas STATE TX ZIP 75240		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778' FNL & 640' FWL COUNTY: Summit		8. WELL NAME and NUMBER: Anschutz Ranch East W 31-12
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 31 4N 8E STATE: UTAH		9. API NUMBER: 4304330190
		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East/Nugget

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>11.03</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input checked="" 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 checked="" type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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.

MIRU. Spot tanks & equip. Blow well down to tanks. Kill well w/4% KCL. ND WH & NU BOP. Release pkr. TOH w/tbg & Baker Model R-3 pkr. MIRU WL. Run gauge ring/junk basket to PBD @ 13,266'. RIH w/GR/CCL & CIBP thru perms (12,752-13,266'). Set CIBP @ 13,206'. RIH w/bailer & dump 2 sxs cmt on top of CIBP. WOC overnight. RIH. Add Nugget perms 12,820-12,960', 4 spf. Stimulate well. RDMO WL. TIH w/new tbg (2-3/8"). Space out tbg to +/- 30' above perms. ND BOP & NU WH. Swab well. Restore location. RDMO. RWTP.

NAME (PLEASE PRINT) <u>Karla Stines</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>11/11/2003</u>

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/19/03
BY: [Signature] (See Instructions on Reverse Side)

COPY SENT TO OPERATOR
Date: 11-20-03
Initials: CHD

RECEIVED
NOV 18 2003



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240-7312

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

Dear Mr. Taylor:

Merit Energy Company, as of January 2004, has twenty-four (24) Fee Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in or temporary abandonment status. This includes twenty (20) Fee Lease Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003. Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

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

Page 2
January 22, 2004
Lance Taylor

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
2	ARE W31-04E	43-043-30165	Fee	1 Year 3 Months
3	ARE W36-10	43-043-30227	Fee	1 Year 3 Months
4	ARE W36-08	43-043-30167	Fee	1 Year 7 Months

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE W21-04	43-043-30135	Fee	1 Year 10 Months
2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	2 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
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12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
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17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240-7312

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

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

Page 2
January 22, 2004
Lance Taylor

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File

	Well Name	API	Lease Type	Years Inactive
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3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
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13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
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18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



Date: February 13, 2004

Subject: Extended Shut-in wells in the Anschutz Ranch East Field

Dear Mr. Doucet:

In response to your letter dated January 22, 2004, I would like to submit the attached supporting documentation regarding our extended shut-in wells. Merit Energy Company purchased an operating interest in the Anschutz Ranch East Unit from BP Production Company effective July 1, 2003, and has spent the last seven months evaluating the production capability of all active and inactive wells in the field. This process has resulted in workovers that have reestablished production in several of these wells, and revealed future opportunities for all of the others. Here is a quick synopsis of our plans for each well.

- **ARE W20-06-** Workover is planned to immediately reactive this well by running smaller tubing, and putting the well on gas lift. Should be reactivated by mid year 2004.
- **ARE W31-04-** BP attempted a directional reentry of this wellbore in 2001, during which time the drill pipe was inadvertently cemented in the horizontal section of the wellbore. Merit is investigating methods to effectively stimulate this wellbore and return it to production. If unable to do so, it will be plugged.
- **ARE W36-10-** This well will be the first test candidate for an experimental production method for artificial lifting gas wells. An electric submersible pump will be run in this well in the next couple of months in an attempt to reestablish production by removing large volumes of water from the formation. If this project is successful it could lead to the reactivation of virtually every inactive well in the field. The project is approved internally, and we are waiting on equipment and supplies before mobilizing a service rig.
- **ARE W36-08-** This well has been reactivated following a workover last fall. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W21-04-** Surface tubing pressure indicates this well may be capable of producing again. However attempts to return this well to production with the current wellbore configuration have not been successful. Merit plans to install smaller tubing and gas lift on this well. If that is unsuccessful, this well is also a candidate for an electric submersible pump installation. If all attempts to reactivate the Nugget formation fail, this well is a recompletion candidate in the Twin Creek formation.
- **Champlin 372 C-1-** This well is capable of producing for a few days at a time, but quickly loads up with water and dies. Again, this well is a candidate for an electric submersible pump installation, or may be used as a salt water disposal well if additional capacity is needed due to the ESP program.
- **ARE W16-06-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W01-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-02-** An attempt was made to return this well to production last fall, but was unsuccessful due to high water production. Pending the success of the W36-10, this well will also have an electric submersible pump installed.
- **ARE W36-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-06-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W20-02-** A workover has been approved internally to reactivate this well, and should begin in the next few weeks. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W30-13-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W19-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.

- **ARE W20-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W31-12-** An attempt was made to reactivate this well in late 2003, but was unsuccessful. A sundry notice was filed and approved by the Utah Oil and Gas Commission. An uphole recompletion in the Twin Creek formation is planned and will be completed in the next few months.
- **ARE W01-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W11-01-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W20-03-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W16-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE W16-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **Champlin 387 B-1A-** Merit Energy is in the process of obtaining records from BP for this well. Once historical information is obtained, we will evaluate all feasible methods to return this well to producing status. Otherwise it will be plugged.
- **ARE W17-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE E21-14-** This well was returned to producing status on 12/19/03.

In addition to this information, I have enclosed pressure data for all wells, and a wellbore schematic for all wells except the Champlin 387 B-1A. The static bottom hole pressures and static fluid levels were collected in September 2003 with bottom hole gauges. If you need any further information, please contact me at 972-628-1651 or electronically at lance.taylor@meritenergy.com.

Regards,


Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

Attachments: (1) page of pressure data, (23) wellbore schematics

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: ARE W 31-12
2. NAME OF OPERATOR: Merit Energy Company		9. API NUMBER: 043-30190
3. ADDRESS OF OPERATOR: 13727 Noel, Ste 500 CITY Dallas STATE TX ZIP 75204		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778' FNL & 640' FWL		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 31 T4N R8E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/7/2004			

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

Merit Energy Company performed the following:

11/13/03-1/7/04: MIRU. Press test csg to 1500 psi. Kill well w/85 bbls 4% KCL. ND tree. NU BOP. Change BOP rams to 3-1/2". POH w/3-1/2" tbg. LD pkr. PU bit & scraper. RIH to 13254'. LD 3-1/2" tbg, bit & scraper. RU WL. TIH w/CIBP. Set @ 13202'. Dump bail 10' cmt on top of CIBP. TOC @ 13190'. RD. MI TCP guns. PU & tally (guns & propellant: 40' @ 6 spf). TIH w/2-3/8" tbg. TIH w/guns & pkr. Tag bttm. Space up hole & set @ 12688'. ND BOP. NU tree. Drop bar to fire. Did not fire. RU slickline to bail junk. Tag fill @ 12675'. Swab well. RU slickline. Tag fill @ 12677'. Dump 600 gals of 15% acid. Flush w/41 bbls 4% KCL. RIH w/impression blk. Tag top of firing pin @ 12680. Drop bar guns. Fish. RD. ND tree. NU BOP. Unload tbg. Rls Baker Hornet pkr @ 12688'. POH & LD 2-3/8" tbg, pkr, TCP guns & assembly. TIH w/2-3/8" tbg. Land bttm of tbg @ 12719'. ND BOP. NU tree. Swab well. RDMO. MIRU. Change BOP rams to 2-3/8". ND tree. NU BOP. Unland & LD 2-3/8" tbg. ND BOP. NU tree. RDMO. Well is shut in.

NAME (PLEASE PRINT) <u>Karla Stines</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE	DATE <u>2/13/2004</u>

(This space for State use only)

RECEIVED
FEB 19 2004
DIV. OF OIL, GAS & MINING

Return-path: <Lance.Taylor@meritenergy.com>
Received: from imail.meritenergy.com [208.133.141.18]
by UTSTDP13.state.ut.us; Tue, 24 Feb 2004 07:06:49 -0700
Subject: Anschutz Ranch East Unit
To: clintondvorshak@utah.gov
Cc: Rusty Ginnetti <Rusty.Ginnetti@meritenergy.com>,
Arlene Valliquette <Arlene.Valliquette@meritenergy.com>,
Dennis Longwell <Dennis.Longwell@meritenergy.com>
X-Mailer: Lotus Notes Release 5.0.10 March 22, 2002
Message-ID: <OF2FAC50A1.BE12C251-ON86256E44.004B0584-
86256E44.004D8670@meritenergy.com>
From: Lance Taylor <Lance.Taylor@meritenergy.com>
Date: Tue, 24 Feb 2004 08:06:46 -0600
X-MIMETrack: Serialize by Router on imail/Meritenergy(Release 6.0.3|September 26, 2003) at
02/24/2004 08:06:49 AM
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Mr. Dvorshak,

I'd like to confirm our 2/23/04 telephone conversation in response to my letter dated 2/13/04 regarding extended shut in and temporarily abandoned wellbores in the Anschutz Ranch East Unit ("ARE Unit") of Summit county Utah. It is Merit Energy Company's intention to utilize each wellbore to it's full capacity. As such, Merit is in the process of attempting to reactivate the wellbores in question. Several wellbore specific workovers have been identified, and the approximate timing of each is mentioned in my original letter.

However, the majority of the reactivation work depends on the successful utilization of electric submersible pumps for artificial lift. It is the timing of this project that I would like to address. As you know, this is a capital intensive project, so Merit plans to do the appropriate research prior to implementation. Merit intends to test the idea on the ARE W36-10 within the next 8-12 weeks. Following a 4-12 week test period, Merit will perform a strenuous economic and operational evaluation. If it is determined that the project is valid, full scale implementation could begin as early as June. However, due to the complexity of the equipment, depth of the wells, and unavailability of service rigs, Merit anticipates this project will take several months, possibly one year, to complete. Due to the large volumes of water to be produced by this project, it is likely that one or more of the shut in wells will need to be reactivated as salt water disposal wells. All regulatory and state documentation will be completed prior to SWD conversion.

Finally, if the ESP project is unsuccessful, several of these wellbore have recompletion potential in shallower formations. Specifically, Merit has identified the Jurassic aged Twin Creek formation as a possible recompletion target. Completion practices must be researched and developed in order to ensure economic quantities of hydrocarbons. Again, all state and federal permits will be approved prior to project implementation.

If after all our efforts to economically reactivate these wells fail, Merit Energy will begin the plug and abandonment process. I trust this will clear up any issues of timing. If you have further questions or concerns please feel free to contact me at any of the numbers below.

Regards,

Lance L. Taylor
Operations Engineer-Rockies Region
Merit Energy Company
direct: 972-628-1651
fax: 972-701-0351
mobile: 972-998-9116
lance.taylor@meritenergy.com



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

March 5, 2004

CERTIFIED RETURN RECEIPT NO 7002 0510 0003 8602 4880

Mr. Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Mr. Taylor,

The Division of Oil, Gas and Mining (DOGM) is in receipt of your letter dated February 13, 2004 in regards to the twenty-four (24) shut-in wells operated by Merit Energy Company (Merit). DOGM accepts Merit's plan of action to recompleat all twenty-four wells by year-end 2004. Many of the recompletions are dependent upon the success of electric submersible pumps; if this experimental procedure is not successful, keep the Division advised of any changes in Merit's plan of action. Based upon the plan of action and other information provided, DOGM approves the twenty-four (24) wells for extended shut-in until January 1, 2005. Please submit recompleation procedureds and notice of intent sundries upon finalization.

For reference, Attachment A lists the wells subject to this request. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
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State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 8, 2005

Merit Energy Company
Attn: Michael L. Mercer
13727 Noel Road, Suite 500
Dallas, Texas 75240

Re: Approval for Extension of Shut-in or Temporarily Abandoned Status for Wells on Fee or State Leases

Dear Mr. Mercer:

The Division of Oil, Gas and Mining (the "Division") is in receipt of your letters dated November 10, 2004 (received by the Division on November 12, 2004) and January 7, 2005 (received by the Division on January 10, 2005) in regards to the twenty-four (24) shut-in wells operated by Merit Energy Company ("Merit"). The Division understands that six of these wells were put back into production in 2004. Merit's original plan was to return all twenty-four wells to production in 2004. Because of power restrictions, etc., Merit was unable to achieve that target. It is now the Division's understanding that Merit plans to return seven more wells to production in 2005 by installing an ESP. The Division understands that Merit is also investigating other methods to assist in lifting the water (e.g. capillary strings). Depending on the success of the wells with ESP's installed, the wells currently on Gas Lift, and the success of the other methods, the remaining 11 wells will either be plugged or put into production.

Based on the submitted information and plan of action, the Division approves your request for extended SI/TA for the eighteen (18) remaining SI/TA wells (see attachment A) until January 1, 2006. The operator should continue to monitor the wells by documenting pressures and fluid levels on a periodic basis. Any significant change in pressure or fluid level should be reported to the Division immediately. Remedial action may be necessary.

In addition to the twenty-four wells mentioned above, Merit also has one new well for 2005 that requires approval for extended SI/TA. The well is the ARE W30-14 (API # 43-043-30185). Our records indicate that this well has been SI/TA since February of 2003. Merit must submit their future plans for this well and information that demonstrates the well has integrity and is not a risk to public health and safety or the environment (R649-3-36-1.1 to 1.3).

Page 2
Merit Energy Company
April 8, 2005

The required information should be submitted to the Division within 30 days of the date of this letter or further actions may be initiated. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dustin Doucet', written in a cursive style.

Dustin Doucet
Petroleum Engineer

DKD:jc
Attachment
cc: Well File

ATTACHMENT A

4N8E31

	Well Name	API	Lease Type	Years Inactive
1	ARE W31-04E	43-043-30165	Fee	2 Year 3 Months
2	Champlin 372 Amoco C 1	43-043-30143	Fee	2 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	2 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	3 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	4 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	5 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	6 Years 4 Months
8	ARE W30-13	43-043-30279	Fee	6 Years 6 Months
9	ARE W19-16	43-043-30204	Fee	6 Years 8 Months
10	ARE W20-04	43-043-30238	Fee	7 Years 3 Months
11	ARE W31-12	43-043-30190	Fee	8 Years 3 Months
12	ARE W01-04	43-043-30270	Fee	8 Years 4 Months
13	ARE W11-01	43-043-30277	Fee	8 Years 4 Months
14	ARE W20-03	43-043-30291	Fee	9 Years 1 Month
15	ARE W16-14	43-043-30096	Fee	9 Years 1 Month
16	ARE W16-12	43-043-30231	Fee	9 Years 3 Months
17	Champlin 387 B1A	43-043-30168	Fee	9 Years 6 Months
18	ARE W17-16	43-043-30176	Fee	9 Years 7 Months



MERIT ENERGY COMPANY

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

January 7, 2005

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

This letter is in response to a telephone conversation that I had with Clint Dworshak on December 6, 2004. At that time, he requested that I provide information on Merit Energy Company's shut-in wells at Anschutz Ranch East, proving that the ground waters are protected.

Enclosed, please find a summary sheet, as well as wellbore diagrams for the subject wells.

If you have any questions or wish to discuss this further, please contact me at (972) 628-1550 or electronically at mike.mercer@meritenergy.com.

Sincerely,

Michael L. Mercer
Engineering

UTAH DOGM – SI WELL LIST

Wells to be Reactivated in 2005

- CHAMPLIN 372 C1
 - Packer at 8,320 (MD) 6,648 (TVD)
 - Top of cement (TOC) at 4,906
 - Tubing Pressure 1250#
 - Casing Pressure 0#
 - The 4-1/2" liner is cemented in place at 5090 (below the TOC). The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-06
 - Packer at 13,398
 - Top of cement (TOC) at 12,640
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - The packer is located below the TOC. When Merit set the packer in October 2004, we pressure tested the annulus to 500 psi and it held. Therefore, the casing has integrity and the ground waters are protected.
- ARE W30-02
 - Packer at none
 - Top of cement (TOC) at 12,452
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 8200' from Surface
 - On 09/02/03, Merit ran a packer in this well and sat it at 13055' (below the TOC). The casing and packer were pressure tested to 1500 psi and held. The packer has since been removed and there is open-ended tubing in the well. However, the casing has integrity and the ground waters are protected.
- ARE W36-14
 - Packer at 13,988
 - Top of cement (TOC) at 13,700
 - Tubing Pressure 400#
 - Casing Pressure 0#
 - The packer is set below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W30-06
 - Packer at 13,450
 - Top of cement (TOC) at 11,200 (7" casing)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - The packer is set below the TOC. The 9-5/8" casing string has cement f/ 11911-7940. The 13-3/8" casing has cement f/ 5745-1200. With no pressure on the casing, and three strings of casing (7", 9-5/8", 13-3/8"), the ground waters are protected.
- ARE W30-13
 - Packer at 12,320
 - Top of cement (TOC) at 12,200
 - Tubing Pressure 300#
 - Casing Pressure 0#
 - The packer is set below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.

UTAH DOGM – SI WELL LIST

- ARE W31-12
 - Packer at none
 - Top of cement (TOC) at 10,700
 - Casing Pressure 100#
 - Fluid Level 1000' from Surface
 - There is not a packer or tubing in this well. The static fluid level is 1000' from surface. There is a 13-3/8" casing string set at 2846', a 9-5/8" casing string set at 10272', and a 7" tie-back casing string set at 9919'. These three casing strings are protecting the ground waters.

Wells with No Immediate Plans

- ARE W31-04
 - Packer at 14,000
 - Top of cement (TOC) at 11,900
 - Tubing Pressure 1100#
 - Casing Pressure 50#
 - This well is a horizontal sidetrack. The primary cement job on the original production casing had a TOC at 11,900. The kick-off point for the horizontal leg is below this depth. Additionally, the drill string was cemented in the horizontal section with the TOC estimated to be between 13126 and 13310. Based on the fact that the tubing and casing pressures are different, the two are not in communication and therefore, the ground waters are protected.
- ARE W01-12
 - Packer at 14,317
 - Top of cement (TOC) at 14,290
 - Tubing Pressure 300#
 - Casing Pressure 0#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W19-16
 - Packer at 9,756
 - Top of cement (TOC) at unknown
 - Tubing Pressure 1000#
 - Casing Pressure 0#
 - The packer is located in the "Tie-Back" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W20-04
 - Packer (PBR) at 10,489
 - Top of cement (TOC) at 9,415 (9-5/8" & 9-7/8" casing string)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 9600' from Surface
 - The tubing is tied into the 5" liner with a polish bore receptacle (PBR) at 10,489. The TOC for the intermediate casing is above this point (at 9,415). The static fluid level is at 9600' (below the TOC), therefore, the ground waters are protected.
- ARE W01-04
 - Packer at 13,891
 - Top of cement (TOC) at 13,600
 - Tubing Pressure 1400#
 - Casing Pressure 100#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.

UTAH DOGM – SI WELL LIST

- ARE W11-01
 - Packer at 12,733
 - Top of cement (TOC) at 12,100
 - Tubing Pressure 1500#
 - Casing Pressure 50#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W20-03
 - Packer at 13,271
 - Top of cement (TOC) at 12,600
 - Tubing Pressure 1400#
 - Casing Pressure 75#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-14
 - Packer (PBR) at 10,500
 - Top of cement (TOC) at 9,650 (9-5/8" casing)
 - Tubing Pressure 1500#
 - Casing Pressure 850#
 - The tubing is tied into the 4-1/2" liner with a PBR at 10,500. This is below the TOC for the 9-5/8" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE W16-12
 - Packer at 10,304
 - Top of cement (TOC) at 10,100 (9-5/8" casing)
 - Tubing Pressure 50#
 - Casing Pressure 0#
 - The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- CHAMPLIN 387 B1A
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 5200' from surface
 - Merit has no wellfiles regarding this well. We are currently trying to obtain information on this well
- ARE W17-16
 - Packer (PBR) at 10,237
 - Top of cement (TOC) at 10,371 (7-5/8" casing)
 - Tubing Pressure 0#
 - Casing Pressure 0#
 - Fluid Level 8400' from Surface
 - The tubing is tied into the 5" liner with a PBR at 10,237. There is a 13-3/8" casing string set at 2526', a 9-5/8" casing string set at 10701', and a 7" tie-back casing string set at 10237'. These three casing strings are protecting the ground waters.



ANSCHUTZ RANCH EAST UNIT W31-12

Summit County, Utah

Location: 640' FWL & 1778' FNL Sec 31-T4N-R8E

Elevation: 7870' GL/ 7890' KB

Last Updated by LLT 2/12/2004



13-3/8" Surface Casing @ 2846'
 61# J-55 STC (85')
 48# H-40 STC (1112')
 54.5# K-55 STC (826')
 61# J-55 STC (845')
 Cmt'd w/ 3500 sxs 13.2 ppg 50/50 poz &
 500 sxs 15.8 ppg class "G"

Production Tubing removed 1/6/04

7" Production Casing into Tie Back @ 9,919'
 29# N-80 LTC (86')
 23# SOO-95 LTC (5423')
 23# S-95 LTC (513')
 26# N-80 LTC (3303')
 29# N-80 LTC (504')
 Cmt'd w/ 200 sxs 15.8 ppg class "G"

9-5/8"x4-1/2" TIW hydr hanger @ 9,927'
 4" ID TIW PBR @ 9,937'
 9-5/8"x7-5/8" TIW hydr hanger @ 10,030'

9-5/8" Intermediate Casing @ 10,272'
 53.5# N-80 LTC (83')
 43.5# N-80 LTC (520')
 40# N-80 LTC (3608')
 43.5# N-80 LTC (1606')
 47# N-80 LTC (2204')
 53.5# N-80 LTC (2191')
 Cmt'd w/ 500 sxs 14.2 ppg 50/50 poz & 300 sxs 15.8
 ppg class "G"

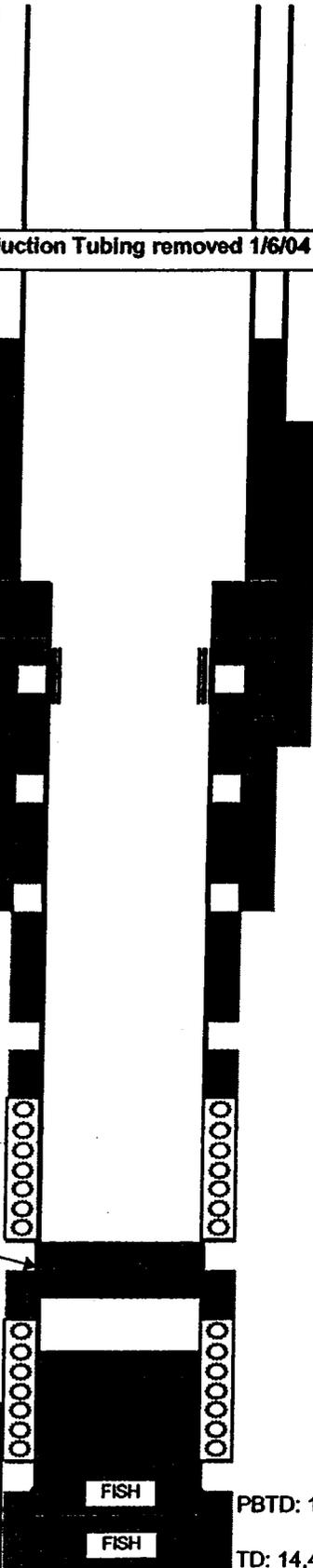
7-5/8" Intermediate Liner @ 10,030-11,159'
 45.3# P-110 FL4S
 Cmt'd w/ 600 sxs 16.1 ppg class "G"

Nugget Sand Z1 & Z2 Perfs
 12752-72, 12800-20, 12854-94, 12960-80,
 13035-55, 13022-100, 13120-188

CIBP @ 13,202' w/ cmt to 13,190'

Nugget Sand Z3 Perfs
 13210-72, 13294-402, 13426-94, 13520-78,
 13640-720, 13760-850, 13872-956, 13960-98,
 14048-141, 14168-270, 14292-326

4-1/2" Production Liner @ 9919-14418'
 15.1# P-110 LTC
 7"x4-1/2" TIW Tie Back Sleeve @ 9919'
 9-5/8"x7-5/8" TIW hydraulic hanger @ 9927'
 4" ID TIW polished bore recepticle @ 9937'
 Cmt'd w/ 140 sxs 11.0 ppg Dowell "Hi Lift" & 170 sxs 9.0
 ppg Amoco "Bubble" (CBL shows poor bond)



PBTD: 14,338'

TD: 14,418'

WELL HISTORY & NOTES
 2/82 Champlin 458E-3 Spud by Amoco
 10/27/82 TD @ 14,418'
 11/30/82 Complete @ Zone 3 Producer
 Perf 14,210-70' @ 4 spf & 90° phasing
 Acidize w/ 6,255g 7.5% in 3 wash stages
 Perf 13900-56' @ 4 spf & 90° phasing
 Acidize w/ 5,250g 7.5% & 250# BAF
 Set CIBP above all perfs
 Perf 13042-578(OA) @ 4 spf & 90° phasing
 Acidize w/ 22,000g 7.5% & 1500# BAF
 5/13/82 Squeeze Zone 3 and Reperf
 Sqz w/ total of 500sx in 3 tries under CICR
 Drill out all to 14,370'
 TCP perf 13872-14326 OA @ 6 spf & 60°
 10/11/89 Add Zone 2 Perfs
 TCP perf 13022-850 OA @ 6 spf & 60°
 12/12/89 Acidize All
 Pump 3,000g 15% HCL
 4/20/90 Lost spinner tool @ 14,000'
 11/93 convert to injector
 7/16/96 Attempted water shut-off
 Dump 10,180# 20/40 sand & 60' cmt (tag @
 13,266' by WLM)
 Missing Reports of CIBP set @ 12,537'
 12/22/00 Pull tbg and clean out
 Clean out cmt/sand & CIBP down to cmt @
 13,266'. No tbg in well.
 1/10/01 Run new 3-1/2" tbg
 Caliper shows good csg/liner above 10,318'
 11/13/03 Install 2-3/8" tbg
 Set CIBP @ 13,202' w/ 10' cmt. TCP perf
 12,854-94' @ 4 spf. Stimulate entire
 Nugget interval w/ propellant sleeves.
 Unable to swab down. Suspect cement
 integrity issues. RDMO to evaluate.
 1/6/04 TOH w/ 2-3/8" tbg
 1/9/04 Ran Pulsed Neutron Log
 1/14/04 Ran Cement Mapping Tool
 **All indications are water influx is via
 fractures in the formation. Evaluate
 isolation/recompletion options.

MERIT ENERGY COMPANY

Anschutz Ranch East Unit

	WELLS	API Number	Tubing Pressure	Casing Pressure	STATUS ON / OFF	Static BHP	Static Fluid Level
1	ARE# W20-06	43-043-30159	100	200	Shut In	1835	7500-9000'
2	ARE# W31-04E	43-043-30165	1200	0	Shut In	?	?
3	ARE# W36-10	43-043-30227	100	0	Shut In	3042	7500-9000'
4	ARE# W36-08	43-043-30167	100	100	Producing	2844	6000-7500'
Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003							
1	ARE# W21-04	43-043-30135	1850	450	Shut In	4130	12000'
2	Champlin 372 Amoco #C-1	43-043-30143	0	0	Shut In	?	?
3	ARE# W16-06	43-043-30138	0	0	Shut In	?	?
4	ARE# W01-12	43-043-30271	600	0	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0	0	Shut In	?	?
6	ARE# W36-14	43-043-30255	2200	1500	Shut In	3420	Perfs
7	ARE# W30-06	43-043-30273	0	0	Shut In	2397	6000-7500'
8	ARE# W20-02	43-043-30228	100	100	Shut In	?	?
9	ARE# W30-13	43-043-30279	900	0	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400	0	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0	0	Shut In	?	?
12	ARE# W31-12	43-043-30190	20	450	Shut In	3494	4500-6000'
13	ARE# W01-04	43-043-30270			Shut In	4505	7500-9000'
14	ARE# W11-01	43-043-30277	1300	50	Shut In	4575	6000-7500'
15	ARE# W20-03	43-043-30291	1800	75	Shut In	3890	10500'
16	ARE# W16-14	43-043-30096	0	800	Shut In	4570	6000-7500'
17	ARE#16-12	43-043-30231	0	0	Shut In	4781	1500-3000'
18	Champlin 387 #B-1A	43-043-30168	0	0	Shut In	?	?
19	ARE# W17-16	43-043-30176	1100	0	Shut In	4734	3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

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MERIT ENERGY COMPANY

Anschutz Ranch East Unit

	WELLS	API Number	Tubing Pressure	Casing Pressure	STATUS ON / OFF	Static BHP	Static Fluid Level
1	ARE# W20-06	43-043-30159	100	200	Shut In	1835	7500-9000'
2	ARE# W31-04E	43-043-30165	1200 ¹¹⁰⁰	0 ⁵⁰	Shut In	?	?
3	ARE# W36-10	43-043-30227	100	0	Shut In	3042	7500-9000'
4	ARE# W36-08	43-043-30167	100	100	Producing	2844	6000-7500'
Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003							
1	ARE# W21-04	43-043-30135	1850	450	Shut In	4130	12000'
2	Champlin 372		1250	0	Perfs 6648'		
2	Amoco #C-1	43-043-30143	0	0	Shut In	?	?
3	ARE# W16-06	43-043-30138	0	0	Shut In	?	= 2100'
4	ARE# W01-12	43-043-30271	600 ³⁰⁰	0	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0	0	Shut In	?	?
6	ARE# W36-14	43-043-30255	2200 ⁴⁰⁰	1500 ⁰	Shut In	3420	Perfs
7	ARE# W30-06	43-043-30273	0	0	Shut In	2397	6000-7500'
8	ARE# W20-02	43-043-30228	100	100	Shut In	?	?
9	ARE# W30-13	43-043-30279	900 ³⁰⁰	0	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400 ¹⁰⁰⁰	0	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0	0	Shut In	?	?
12	ARE# W31-12	43-043-30190	20 ¹⁰⁰	450 ¹⁰⁰	Shut In	3494	4500-6000'
13	ARE# W01-04	43-043-30270	1400	100	Shut In	4505	7500-9000'
14	ARE# W11-01	43-043-30277	1300 ¹⁵⁰⁰	50 ⁵⁰	Shut In	4575	6000-7500'
15	ARE# W20-03	43-043-30291	1800 ¹⁴⁰⁰	75 ⁷⁵	Shut In	3890	10500'
16	ARE# W16-14	43-043-30096	0 ¹⁵⁰⁰	800 ⁸⁵⁰	Shut In	4570	6000-7500'
17	ARE#16-12	43-043-30231	0 ⁵⁰	0	Shut In	4781	1500-3000'
18	Champlin 387 #B-1A	43-043-30168	0	0	Shut In	?	?
19	ARE# W17-16	43-043-30176	1100 ⁰	0	Shut In	4734	3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

Champlin 372 → Pressure from 0 to 1250 psi (tubing) No FL Perfs @ 6648' 222

ARE#36-14 → Casing pressure from 1500 to 0 Press from 2200 to 400 FL @ 4066' RECEIVED

ARE W16-14 → Tbg from 0 to 1500 psi, Csg remained @ ± 850 psi. FEB-20-2004

ARE W17-16 → Tbg from 1100 to 0 FL from 4000' to 8400' FL @ 4000' FL @ 8400'

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Perfs @ 4066' BHP = 3420 psi (1432 psi surf) Grad = 0.0867 psi/ft

Perfs @ 12816' BHP = 4570 psi Grad = 0.0355 psi/ft

Perfs @ 13806' BHP = 4734 psi Grad = 0.315 psi/ft

Perfs @ 8400' BHP = 3926 psi Grad = 0.690 psi/ft

From: Mike Mercer <Mike.Mercer@meritenergy.com>
To: "Dustin Doucet" <dustindoucet@utah.gov>
Date: 4/7/2005 3:12:05 PM
Subject: Re: SI/TA integrity questions

On the W16-14, the production foreman did have to replace the gauge to get the new (correct) reading.

On the W17-16, the pressures and fluid levels were actually taken off of a swab report (they did not get "static" readings), which explains why the fluid level (and tubing pressure) was so much lower.

Hope this takes care of you, if not, please call.

Thanks

Michael L. Mercer
Engineering
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240
(972) 628-1550 Direct
(972) 960-1252 Fax

"Dustin Doucet"
<dustindoucet@utah.gov>
03/11/2005 04:14 PM
To
<Mike.Mercer@meritenergy.com>
cc
Subject
Re: SI/TA integrity questions

Mike,

Thanks for the info. A couple more questions. On the 16-14 and 17-16 do you figure the readings or gauges were incorrect last year or is there some other reason for the change in pressures?

Dustin

>>> Mike Mercer <Mike.Mercer@meritenergy.com> 03/11/05 1:48 PM >>>

Dustin,

Sorry it has taken me so long to get back with you...in response to your email, most are easily explained...(see below in red)

Regarding the W30-14, we are installing ESPs on either side of this well, we have a service company designing gas lift for this well and are evaluating a reactivation following the ESP installations. If we do not have the well reactivated in the next couple of months, I will provide you with the wellbore diagram, pressures, and fluid level.

Let me know if you need anything else. Thanks

Michael L. Mercer
Engineering
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240
(972) 628-1550 Direct
(972) 960-1252 Fax

"Dustin Doucet"

<dustindoucet@uta

h.gov>

To

<mike.mercer@meritenergy.com>

02/16/2005 04:04

cc

PM

Subject

SI/TA integrity questions

Mike,

I finally looked at the packet you provided us at our January 10th meeting and had questions that you may be able to answer on four wells.

My questions deal with pressure and fluid level changes that I didn't have enough info to explain why they changed. Also, I want to give you

a heads up that another well came on to the SI/TA list this year. It is

the ARE W 30-14 (API 43-043-30185). A similar plan/integrity scenario will have to be followed on this well as we've done with the current SI/TA wells. The four wells that I had questions on are as follows:

Champlin 372 - Tbg pressure went from 0 last year to 1250 psi this year ~~SWAB TESTED 2004~~

ARE W 36-14 - Tbg pressure went from 2200 to 400 psi, csg pressure went

from 1500 to 0 ~~WE PULLED THE OLD PKR, RAN A TEST PKR, SWABBED TESTED, AND~~

~~RAN THE ESP (WE HAVE HAD PROBLEMS, BUT WE HAVE ESTABLISHED COMMERCIAL PRODUCTION)~~

ARE W 16-14 - Tbg pressure went from 0 to 1500 psi, csg pressure did stay constant at ~ 850psi which is probably good, although pressure on the backside doesn't make me feel all warm and fuzzy ~~WE HAVE NOT DONE ANYTHING~~

ARE W 17-16 - Tbg pressure went from 1100 to 0 psi, FL went from 4000' to 8400' opposite of what you would expect hydrostatically based off of the pressure change ~~SWAB TESTED 2004 (FUTURE ESP INSTALLATION)~~

All in all I don't have a lot of concern for lack of integrity, but if you could provide me with some explanations as to why some of these changes occurred on these 4 wells, I would appreciate it. The good news

is that you are reactivating two of the four wells this year.

Hopefully, this email makes some sense. Give me a call if you like and

we can discuss or respond via email. Thanks.

Dustin

Dustin Doucet
Petroleum Engineer



November 10, 2004

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

In a letter dated February 13, 2004, Merit Energy Company informed the DOGM of plans to reactivate twenty-four (24) shut-in wells. Based on this information, on March 5, 2004, the DOGM granted Merit a shut-in extension until January 1, 2005. In April, the engineer working the Anschutz Ranch East (Anschutz) field left Merit. He was replaced by a second engineer that left Merit in August. As a result of this turnover, there has been no continuity at Anschutz. Regretfully, Merit will not have these wells reactivated by January 1, 2005.

I took over as the Operations Engineer at Anschutz in August. On October 6, 2004, I called to discuss this situation with you. You requested that Merit submit a letter stating what work has been completed as well as our future plans.

The largest problem at Anschutz is water. Several wells have loaded up and died as a result of water production. Merit has been investigating several methods to remove the water and reestablish commercial gas production.

“Co-production”

As outlined in the February letter, Merit had plans to attempt “co-production” at Anschutz. “Co-production” is simply utilizing an electric submersible pump (ESP) to remove the water. Our first test candidate was the ARE W36-10. On July 15, 2004, we started the ESP. To date, results have been exceptional. The maximum gas rate that we have seen is 355 mcf/d. This is more than enough to justify the cost of the installation. Average production has been 200 mcf/d and 1200 bwpd.

The only drawback to “co-production” is installing power to location. Without knowing how the well will perform, Merit is hesitant to invest the capital upfront for power installation. Additionally, it took the power company approximately six months to perform the installation.

Although Merit is pleased with the results of “co-production”, we have developed a new plan. We are currently preparing a generator to provide temporary power to location. Future installations will be performed on a temporary basis. If the well proves to be a success, an order for permanent power will be placed with the power company. This allows Merit the flexibility to test several shut-in wells without spending unnecessary capital.

We are currently in the process of preparing the ARE W16-06 for an ESP installation. Additional wells that are currently identified for potential ESP installations are the ARE W30-02, W30-06, W30-13, and W36-14. Merit anticipates having these wells tested during 2005. Further installations will be determined based on the success of the above mentioned wells.

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NOV 12 2004

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Capillary Strings

Merit has also begun utilizing capillary strings to inject soap downhole to assist the well in lifting the produced water. We currently have five (5) capillary strings in service at Anschutz and are planning on installing four (4) more before the end of the year.

Gas Lift

Although gas lift is not new to Anschutz, Merit has been trying to extend its capabilities. Our first hurdle regarding gas lift is obtaining additional lift gas capacity. We currently utilize sales gas for gas lift. Based on our current compression, we are limited to 4 mmcf of lift gas. In addition to increasing our gas lift capability, Merit is exploring the idea of utilizing nitrogen for gas lift.

With that being said, we currently have seventeen wells capable of being gas lifted. Due to our limited lift gas capacity, only six (6) wells are currently being gas lifted.

Additionally, Merit is working with several service companies to explore ways to gas lift from below the packer. There are several wells at Anschutz that have one to two thousand feet of pay. As a result, conventional gas lift may or may not be effective. We have tried one method of gas lifting from below the packer and the results are great. However, this method is not a "cure-all". It will only work on select wells. We will continue to look for wells capable of being lifted in this manner. We are in the process of identifying a candidate to test another method of gas lifting from below the packer. As soon as the well is identified, the installation will be performed.

While Merit is still in the early phase of developing completion techniques to adequately produce the wells at Anschutz, we are making great progress. We have had to think "out-of-the-box" to come up with creative ways to remove the water and increase the gas and are exhausting all resources to improve production and reduce idle wellbores.

I have attached the February 13 letter as well as our current plans for the 24 wells.

If you have any questions or require additional information, please contact me at (972) 628-1550 or electronically at mike.mercer@meritenergy.com.

Sincerely,



Michael L. Mercer
Operations Engineering



Date: February 13, 2004

Subject: Extended Shut-in wells in the Anschutz Ranch East Field

Dear Mr. Doucet:

In response to your letter dated January 22, 2004, I would like to submit the attached supporting documentation regarding our extended shut-in wells. Merit Energy Company purchased an operating interest in the Anschutz Ranch East Unit from BP Production Company effective July 1, 2003, and has spent the last seven months evaluating the production capability of all active and inactive wells in the field. This process has resulted in workovers that have reestablished production in several of these wells, and revealed future opportunities for all of the others. Here is a quick synopsis of our plans for each well.

- **ARE W20-06-** Workover is planned to immediately reactive this well by running smaller tubing, and putting the well on gas lift. Should be reactivated by mid year 2004.
- **ARE W31-04-** BP attempted a directional reentry of this wellbore in 2001, during which time the drill pipe was inadvertently cemented in the horizontal section of the wellbore. Merit is investigating methods to effectively stimulate this wellbore and return it to production. If unable to do so, it will be plugged.
- **ARE W36-10-** This well will be the first test candidate for an experimental production method for artificial lifting gas wells. An electric submersible pump will be run in this well in the next couple of months in an attempt to reestablish production by removing large volumes of water from the formation. If this project is successful it could lead to the reactivation of virtually every inactive well in the field. The project is approved internally, and we are waiting on equipment and supplies before mobilizing a service rig.
- **ARE W36-08-** This well has been reactivated following a workover last fall. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W21-04-** Surface tubing pressure indicates this well may be capable of producing again. However attempts to return this well to production with the current wellbore configuration have not been successful. Merit plans to install smaller tubing and gas lift on this well. If that is unsuccessful, this well is also a candidate for an electric submersible pump installation. If all attempts to reactivate the Nugget formation fail, this well is a recompletion candidate in the Twin Creek formation.
- **Champlin 372 C-1-** This well is capable of producing for a few days at a time, but quickly loads up with water and dies. Again, this well is a candidate for an electric submersible pump installation, or may be used as a salt water disposal well if additional capacity is needed due to the ESP program.
- **ARE W16-06-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W01-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-02-** An attempt was made to return this well to production last fall, but was unsuccessful due to high water production. Pending the success of the W36-10, this well will also have an electric submersible pump installed.
- **ARE W36-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-06-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W20-02-** A workover has been approved internally to reactivate this well, and should begin in the next few weeks. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W30-13-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W19-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.

- ARE W20-04- This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- ARE W31-12- An attempt was made to reactivate this well in late 2003, but was unsuccessful. A sundry notice was filed and approved by the Utah Oil and Gas Commission. An uphole recompletion in the Twin Creek formation is planned and will be completed in the next few months.
- ARE W01-04- This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- ARE W11-01- This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- ARE W20-03- This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- ARE W16-14- This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- ARE W16-12- This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- Champlin 387 B-1A- Merit Energy is in the process of obtaining records from BP for this well. Once historical information is obtained, we will evaluate all feasible methods to return this well to producing status. Otherwise it will be plugged.
- ARE W17-16- This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- ARE E21-14- This well was returned to producing status on 12/19/03.

In addition to this information, I have enclosed pressure data for all wells, and a wellbore schematic for all wells except the Champlin 387 B-1A. The static bottom hole pressures and static fluid levels were collected in September 2003 with bottom hole gauges. If you need any further information, please contact me at 972-628-1651 or electronically at lance.taylor@meritenergy.com.

Regards,


Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

Attachments: (1) page of pressure data, (23) wellbore schematics

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
2	ARE W31-04E	43-043-30165	Fee	1 Year 3 Months
3	ARE W36-10	43-043-30227	Fee	1 Year 3 Months
4	ARE W36-08	43-043-30167	Fee	1 Year 7 Months

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE W21-04	43-043-30135	Fee	1 Year 10 Months
2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	2 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
8	ARE W20-02	43-043-30228	Fee	5 Years 4 Months
9	ARE W30-13	43-043-30279	Fee	5 Years 6 Months
10	ARE W19-16	43-043-30204	Fee	5 Years 8 Months
11	ARE W20-4	43-043-30238	Fee	6 Years 3 Months
12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
16	ARE W16-14	43-043-30096	Fee	8 Years 1 Month
17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months

UTAH DOGM – SI WELL LIST

- **ARE W20-06** – worked over in 2004, selectively swab tested individual zones. Installed gas lift (GL) equipment. Currently intermittently producing when lift gas is available.
- **ARE W31-04** – no immediate plans, will evaluate for reactivation.
- **ARE W36-10** – installed ESP. The well is producing.
- **ARE W36-08** – the well was reactivated in the fall of 2003. A capillary string was installed in September 2004. The well is producing.
- **ARE W21-04** – worked over in 2004. Installed GL equipment. Currently intermittently producing when lift gas is available.
- ✓ **CHAMPLIN 372 C1** – swabbed in October 2004. Swab results were encouraging. There are no production facilities or flowlines in place. We are in the process of purchasing a gas testing unit. Once the unit is in our possession, we will flow test this well and evaluate the economics of installing surface facilities.
- ✓ **ARE W16-06** – swabbed in November 2004. Currently sizing ESP and reconditioning generator for test. Anticipate having ESP running by end of the year.
- **ARE W01-12** – no immediate plans, will evaluate for reactivation.
- **ARE W30-02** – plan to install ESP in 2005 for test.
- **ARE W36-14** – plan to install ESP in 2005 for test.
- **ARE W30-06** – plan to install ESP in 2005 for test.
- **ARE W20-02** – worked over in 2004. Installed GL equipment. Currently intermittently producing when lift gas is available.
- **ARE W30-13** – plan to install ESP in 2005 for test.
- **ARE W19-16** – no immediate plans, will evaluate for reactivation.
- **ARE W20-04** – no immediate plans, will evaluate for reactivation.
- ✓ **ARE W31-12** – plan to test the Nugget, if unsuccessful, will attempt a Twin Creek completion.
- **ARE W01-04** – no immediate plans, will evaluate for reactivation.
- **ARE W11-01** – no immediate plans, will evaluate for reactivation.
- **ARE W20-03** – no immediate plans, will evaluate for reactivation.
- **ARE W16-14** – no immediate plans, will evaluate for reactivation.
- **ARE W16-12** – no immediate plans, will evaluate for reactivation.
- **CHAMPLIN 387 B1A** – no immediate plans, will evaluate for reactivation.
- **ARE W17-16** – no immediate plans, will evaluate for reactivation.
- **ARE E21-14** – the well was reactivated in December 2003. The well is producing.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 26, 2008

CERTIFIED MAIL NO. 7004 2510 0004 1824 6053

Mr. Michael Mercer
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

43 043 30190
ARE W31-12
4N 8E 31

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

Dear Mr. Mercer:

As of July 2008, Merit Energy Company has fifteen (15) Fee Lease Wells that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status (see attachment A). All wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

On January 22, 2004 the Division notified Merit by certified mail 24 wells were on the SI/TA list. Merit responded by letters of February 13, 2004, November 10, 2004, and January 5, 2005, with evaluation plans for each of the 24 wells. By the time an extension of SI/TA status was granted to Merit by the Division on April 8, 2005, six of the original 24 wells had been returned to production.

To date, 10 of the original 24 wells remain as SI/TA. Two wells were producing briefly in 2005 but have since returned to SI/TA status. These wells are listed as number 8 and number 10 on Attachment A. Two additional wells (ARE W36-08 API# 43-043-30167 & ARE 29-04 ST1 API# 43-043-30129) were producing briefly for 3 months in 2007, but are now showing as SI, and will soon be added to this list.

Five (5) new wells have been added to the current list. These are the wells numbered 11 through 15 on Attachment A



Page 2
August 26, 2008
Mr. Mercer

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

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

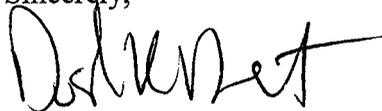
1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence/or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

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

JP/js
Attachment
cc: Well File
Operator Compliance File

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	CHAMPLIN 387 B1A	43-043-30168	Fee	14 Years 3 Months
2	ARE W16-12	43-043-30231	Fee	12 Years 11 Months
3	ARE W16-14	43-043-30096	Fee	12 Years 9 Months
4	ARE W31-12	43-043-30190	Fee	11 Years 11 Months
5	ARE W31-04E	43-043-30165	Fee	5 Years 10 Months
6	CHAMPLIN 372 AMOCO C 1	43-043-30143	Fee	6 Years 8 Months
7	ARE W16-06	43-043-30138	Fee	3 Years 1 Month
8	ARE W20-06	43-043-30159	Fee	2 Years 10 Months
9	ARE W17-16	43-043-30176	Fee	1 Year 9 Months
10	ARE W20-02	43-043-30228	Fee	2 Years 0 Months
Newly Added				
11	ARE W20-12	43-043-30220	Fee	2 Years 3 Months
12	ARE W31-06	43-043-30217	Fee	1 Year 5 Months
13	ARE W31-08	43-043-30164	Fee	1 Year 6 Months
14	ARE W36-16	43-043-30157	Fee	1 Year 3 Months
15	ARE E28-06	43-043-30226	Fee	1 Year 1 Month



State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 21, 2009

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

43 043 30190
ARE W31-12
4N 8E 31

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated August 26, 2008.

Dear Mr. Tunnell:

The Division of Oil, Gas and Mining (the Division) is in receipt of your letter dated October 17, 2008 in regards to the fifteen (15) shut-in or temporarily abandoned (SI/TA) Fee Lease Wells (Attachment A) operated by Merit Energy Company (Merit).

The Division does not object to the proposed work on the said wells. Several of the wells listed look as though they may have integrity. However, due to insufficient evidence the Division is unable to grant extended SI/TA status for these wells. Not enough data was received per R649-3-36 providing proof of integrity or lengths of time wells are expected to be shut-in. The Divisions preferred method of demonstrating well integrity is to perform an MIT. Please submit the necessary information to bring these wells back into compliance. Please note, approval will be necessary prior to continuing with the planned work for these wells.

Please submit an individual sundry for each well along with required information to help expedite approval and documentation processes. If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Well Files
Compliance File
N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA



ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	CHAMPLIN 387 B1A	43-043-30168	Fee	14 Years 3 Months
2	ARE W16-12	43-043-30231	Fee	12 Years 11 Months
3	ARE W16-14	43-043-30096	Fee	12 Years 9 Months
4	ARE W31-12	43-043-30190	Fee	11 Years 11 Months
5	ARE W31-04E	43-043-30165	Fee	5 Years 10 Months
6	CHAMPLIN 372 AMOCO C 1	43-043-30143	Fee	6 Years 8 Months
7	ARE W16-06	43-043-30138	Fee	3 Years 1 Month
8	ARE W20-06	43-043-30159	Fee	2 Years 10 Months
9	ARE W17-16	43-043-30176	Fee	1 Year 9 Months
10	ARE W20-02	43-043-30228	Fee	2 Years 0 Months
11	ARE W20-12	43-043-30220	Fee	2 Years 3 Months
12	ARE W31-06	43-043-30217	Fee	1 Year 5 Months
13	ARE W31-08	43-043-30164	Fee	1 Year 6 Months
14	ARE W36-16	43-043-30157	Fee	1 Year 3 Months
15	ARE E28-06	43-043-30226	Fee	1 Year 1 Month



MERIT ENERGY COMPANY

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

October 17, 2008

State of Utah – Department of Natural Resources
Division of Oil, Gas, & Mining
Attn: Mr. Dustin Doucet
PO Box 145801
Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

In response to your letter dated August 26, 2008, I would like to submit the attached supporting documentation regarding our extended shut-in wells.

Enclosed, please find a summary sheet with Merit Energy Company's future plans for each of the wells listed in your letter, a sheet with explanations and supporting data showing each well's integrity, as well as wellbore diagrams for the subject wells.

If you have any questions or wish to discuss this further, please contact me at (972) 628-1084 or electronically at nick.tunnell@meritenergy.com.

Sincerely,

Nicholas R. Tunnell
Operations Engineer
Merit Energy Company

UTAH DOGM – SI WELL LIST

Last Work	Integrity	Comp 2004	
	NP	✓	CHAMPLIN 387 B1A – Plan to P&A well in March 2009 due to availability of rig. <i>Bridge broken, missing valves</i>
5/95	OK	✓	ARE W16-12 – Plan to run slickline to verify PBDT, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion.
	?	✓	ARE W16-14 – Plan to run slickline to verify PBDT, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion.
1/04		✓	ARE W31-12 – Plan to swab test the Nugget, if unsuccessful, will attempt a Twin Creek completion.
11/99	✓	✓	ARE W31-04 – Plan to swab test Nugget, if unsuccessful, will attempt a Twin Creek completion.
2001	OK	✓	CHAMPLIN 372 C1 – Swabbed in October 2004. Swab results were encouraging. There are no production facilities or flowlines in place. Merit is in the process of trying to buy a flowline in the area to tie into, at which point Merit will attempt to reactivate the well in the Nugget or attempt a Twin Creek completion. <i>4 1/2" lower run after patch?</i> <i>Hole in CSG @ 3612 CSG patch</i>
2001		✓	ARE W16-06 – Ran ESP in the well, unsuccessful due to water volumes, will attempt a Twin Creek completion. <i>1 string</i> <i>ties spot @ 8000' to 8200'</i>
2004	OK	✓	ARE W20-06 – Tested upper zone of Nugget in 2004, unsuccessful, plan to drill out cement & CIBP and produce lower zone.
		✓	ARE W17-16 – SI due to availability of gas lift gas, gas is available, plan to kick well off with gas lift, if unsuccessful, will attempt a Twin Creek completion.
2000		✓	ARE W20-02 – Installed conventional gas lift, unsuccessful, plan to run survey to evaluate reverse gas lift potential, if unsuccessful, will attempt Twin Creek completion.
2003			ARE W20-12 – Installed conventional gas lift, cycling gas, plan to run survey to evaluate reverse gas lift potential, if unsuccessful, will attempt Twin Creek completion.
2004	OK		ARE W31-06 – Plan to install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion. <i>2 strings</i> <i>ties spot @ 6416 (2001)</i>
	NP		ARE W31-08 – Rig on location, squeezed off casing leak, drilling out cement, plan to install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion. <i>ties spot @ 11095' to 11099'</i>
	✓		ARE W36-16 – Coil tubing gas lift design in the well, plan to pull the coil tubing and install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion. <i>2 strings</i>
2005	OK		ARE W28-06 – Collapsed casing at 12,678', will attempt a Twin Creek completion. <i>collapse @ 12678 2 strings</i>

UTAH DOGM – SI WELL LIST

Wells to be Reactivated in 2009

- | | | | T _{hg} | C ₁₉ |
|--|-----------------------------|------|-----------------|-----------------|
| • ARE W16-12 | | | | |
| ○ Packer at | 10,304 | | 2007 | 0 0 |
| ○ Top of cement (TOC) at | 10,100 (9-5/8" casing) | insp | 2006 | 0 0 |
| ○ Tubing Pressure | 50# | | 2005 | 0 130 |
| ○ Casing Pressure | 0# | | 2004 | 100 0 |
| ○ The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected. | | | 2003 | 0 0 |
| • ARE W16-14 | | | | |
| ○ Packer (PBR) at | 10,500 | | 2007 | 0 NA |
| ○ Top of cement (TOC) at | 9,650 (9-5/8" casing) | | 2006 | 0 NA |
| ○ Tubing Pressure | 1650# | | 2005 | 0 NA |
| ○ Casing Pressure | 850# | | 2004 | 1500 250 |
| ○ The tubing is tied into the 4-1/2" liner with a PBR at 10,500. This is below the TOC for the 9-5/8" casing string. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected. | | | 2003 | 100 0 |
| | | | 1990 | 4600 1575 |
| • ARE W31-12 | | | | |
| ○ Packer at | none | | 2007 | NA NA |
| ○ Top of cement (TOC) at | 10,700 | | 2006 | NA NA |
| ○ Casing Pressure | 100# | | 2005 | NA NA |
| ○ Fluid Level | 1000' from Surface | | 2004 | NA NA |
| ○ There is not a packer or tubing in this well. The static fluid level is 1000' from surface. There is a 13-3/8" casing string set at 2846', a 9-5/8" casing string set at 10272', and a 7" tie-back casing string set at 9919'. These three casing strings are protecting the ground waters. | | | 2003 | 480 0 |
| • ARE W31-04 | | | | |
| ○ Packer at | 14,000 | | 2007 | 30 20 |
| ○ Top of cement (TOC) at | 11,900 | | 2006 | 150 0 |
| ○ Tubing Pressure | 1000# | | 2005 | 150 30 |
| ○ Casing Pressure | 0# | | 2004 | 1200 25 |
| ○ This well is a horizontal sidetrack. The primary cement job on the original production casing had a TOC at 11,900. The kick-off point for the horizontal leg is below this depth. Additionally, the drill string was cemented in the horizontal section with the TOC estimated to be between 13126 and 13310. Based on the fact that the tubing and casing pressures are different, the two are not in communication and therefore, the ground waters are protected. | | | 2003 | 0 0 |
| • CHAMPLIN 372 C1 | | | | |
| ○ Packer at | 8,320 (MD) 6,648 (TVD) | | 2007 | 0 0 |
| ○ Top of cement (TOC) at | 4,906 | | 2006 | 600 0 |
| ○ Tubing Pressure | 0# | | 2005 | 0 0 |
| ○ Casing Pressure | 0# | | 2004 | 0 0 |
| ○ The 4-1/2" liner is cemented in place at 5090 (below the TOC). | | | 2003 | 0 0 |
| • ARE W16-06 | | | | |
| ○ Packer at | none | | 2007 | NA NA |
| ○ Top of cement (TOC) at | 12,640 | | 2006 | NA NA |
| ○ Casing Pressure | 0# | | 2004 | NA NA |
| ○ When Merit set a packer in October 2004, we pressure tested the annulus to 500 psi and it held. Therefore, the casing has integrity and the ground waters are protected. | | | 2003 | 0 0 |
| • ARE W20-06 | | | | |
| ○ Packer at | 12,858' | | 2007 | 120 100 |
| ○ Top of cement (TOC) at | 9,650' (9-5/8" casing) | | 2006 | 220 250 |
| ○ Tubing Pressure | 0# | | 2005 | 350 350 |
| ○ Casing Pressure | 0# | | 2004 | NA 0 |
| ○ When Merit set the packer in June 2004, we pressure tested the annulus to 500 psi and it held. There is a 13-3/8" casing string set at 5411', a 9-5/8" casing string set at 11330', | | | 2003 | 0 0 |

UTAH DOGM – SI WELL LIST

and a 7" tie-back casing string set at 10079'. These three casing strings are protecting the ground waters.

- ARE W17-16

○ Packer	13,747'	2007	1180	1300
○ Top of cement (TOC) at	10,371' (7-5/8" casing)	2006	0	1100
○ Tubing Pressure	78#	2005	0	80
○ Casing Pressure	53#	2004	0	0
		2003	0	0

○ There is a 13-3/8" casing string set at 2526', a 9-5/8" casing string set at 10701', and a 7" tie-back casing string set at 10237'. These three casing strings are protecting the ground waters.
- ARE W20-02

○ Packer at	12,646'	2007	464	500
○ Top of cement (TOC) at	8,910' (7" casing)	2006	150	1200
○ Tubing Pressure	384#	2005	100	1150
○ Casing Pressure	310#	2004	0	1000
		2003	0	0
		1990	3500	0

○ There is a 13-3/8" casing string set at 5140', a 9-5/8" casing string set at 10934', and a 7" casing string set at 13928'. These three casing strings are protecting the ground waters.
- ARE W20-12

○ Packer at	12,863'	2007	435	1050
○ Top of cement (TOC) at	10,372' (9-5/8" casing)	2005	NA	680
○ Tubing Pressure	912#	2004	180	800
○ Casing Pressure	930#	2003	0	0

○ There is a 13-3/8" casing string set at 5362', a 9-5/8" casing string set at 11245', and a 7" tie-back casing string set at 10109'. These three casing strings are protecting the ground waters.
- ARE W31-06

○ Packer at	10284'	2007	0	NA
○ Top of cement (TOC) at	9996' (7" casing)	2006	250	NA
○ Tubing Pressure	0#	2005	0	425
○ Casing Pressure	0#	2004	110	940
		2003	200	920

○ There is a 13-3/8" casing string set at 2301', a 9-5/8" casing string set at 10689', and a 7" casing string set at 14033'. These three casing strings are protecting the ground waters.
- ARE W36-16

○ Packer (PBR) at	10,680	2007	1200	0
○ Top of cement (TOC) at	10,172 (7" casing)	2006	250	0
○ Tubing Pressure	1357#	2005	500	100
○ Casing Pressure	0#	2004	250	0
		2003	180	0

○ The packer is located below the TOC. The tubing pressure and casing pressure are different. Therefore, the casing and tubing are not in communication and the ground waters are protected.
- ARE E28-06

○ Packer at	none	2007	NA	0
○ Top of cement (TOC) at	11,900' (7" casing)	2005	0	0
○ Tubing Pressure	0#	2004	180	0
○ Casing Pressure	0#	2003	200	1350

○ There is a 13-3/8" casing string set at 3988', a 9-5/8" casing string set at 12990', and a 7" tie-back casing string set at 12313'. These three casing strings are protecting the ground waters.

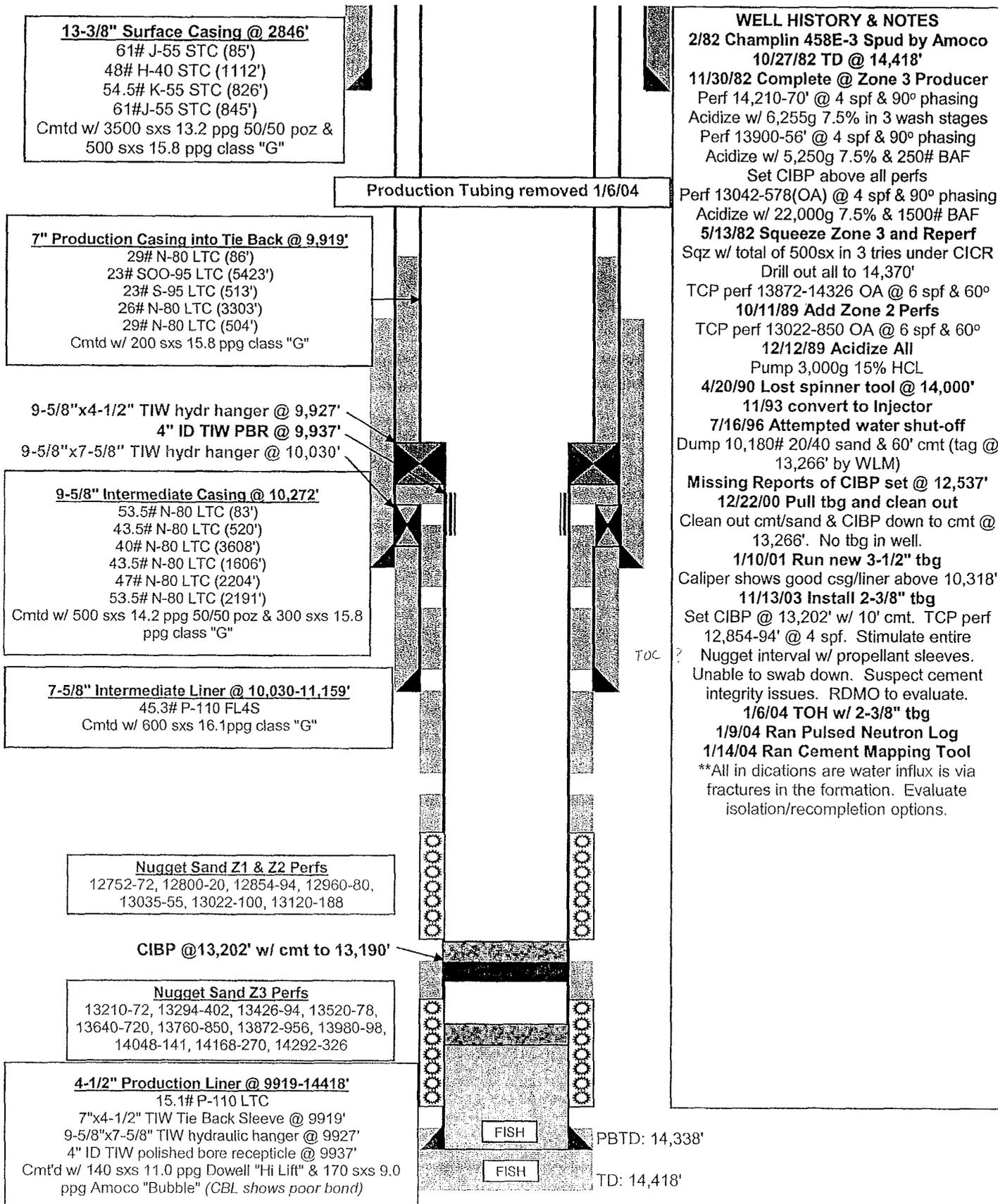
ARE W31-08

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

ANSCHUTZ RANCH EAST UNIT W31-12



Summit County, Utah
 Location: 640' FWL & 1778' FNL Sec 31-T4N-R8E
 Elevation: 7870' GL/ 7890' KB
 Last Updated by LLT 2/12/2004



Ingram Cactus 11" 3M by 7" 5M w/R2 bottom & 6" bowl
 tbg spool (7" 26# csg stub landed in slips)

9 5/8" 32.3# H-40 ST & C csg set at 1518'

NOTE: HOLE IN CSG at 3612'
 (Casing patch set from 3582' to 3635')

Note: Casing pressure tested from 0-3600'
 to 1000 psig 2/16/01 - passed

2-3/8" 4.7# EUE 8rmd Tubing

Annulus pressure tested to 1000 psig (2/27/2001)

4-1/2" 12.60# Tubing run to surface
 New Vam Beveled Couplings

4-1/2" Liner Top with BPR
 Cemented in place at 5090'

Cement top 7" per CBL on 2/15/98
 logged by Schlumberger at 4906' + -

Whipstock at 5600' MD (5513' TVD)

ECP 7750' MD

Inflatable packer
 8320' MD

Openhole

Shoe 7850' MD

TD = 8608' MD
 6648' TVD

NOTE:

Twin Creek & Nugget squeezed off as follows,
 2/12/98 pumped 410 sx "G" + additives no pressure
 2/13/98 pumped 100 sx "G" neat & 200 sx "G" + additives
 no pressure
 2/14/98 pumped 50 sx 10-0 RFG and obtain 1150 psi squeeze
 2/14/98 pump 20 sx "G" for topout cut cap on top of retainer

Spacer tube, short string:

Spacer tube, X-over, 2 3/8" pup, Model "E" hyd
 trip sub, 2 3/8" pup, Model "F" nipple, Perf'd pup,
 1 jt 2 3/8" tbg, Baker model "R" nipple, Mule shoe
 Avg OD's & ID's: ID 1.901" & OD 2.92"
 Overall length: 48.73'
 EOT at 6141.54'

Twin Creek Perfs:
 6155' thru 6980'

Nugget Perfs
 7056' thru 7098'

FISH: 2 3/8" tbg (25')

Prod Casing:
 7" 23# & 26# at 7300.25'

	MIN ID	MAX OD	
7" 26# S-95 & K-55 casing - 2296.62'			
Cement cap at 6018.22' - tagged via tbg			
Halliburton Model "HCS" cement retainer (set via tbg - Bottom at 6054.11')		5.5"	6051.98'
Cut off 2 3/8" 4.7# N-80 CS hydrd tbg	1.901"	2.375"	6071'
X-Over: 2 3/8" CS to 2 3/8" 8rd	1.901"	3.062"	6089.49'
Spacer tube	1.901"	2.375"	6090.29
Baker model A-5 dual packer	1.901"	6.093"	6092.81'
Spacer tube	1.901"	2.375"	6098.13'
X-Over: 2 3/8" to 2 3/8" 10rd to 8rd	1.901"	2.875"	6099.43'
X-Over: 2 3/8" to 2 7/8" 8rd	1.901"	3.00"	6099.75'
Perf'd tubing: 4 shots (4 spf)			6103.57'
29 jts of 2 7/8" 6.5# 8rd tbg	2.441"	3.668"	6100.07'
			Tbg collars: 3.668" - Tube: 2.875"
Baker Model "F" nipple	1.87"	3.6875"	6994.86'
1 jt of 2 7/8" 6.5# 8rd tbg	2.441"	3.668"	6995.87'
Baker model G-22 locator assembly	2.406"	3.46875"	7023.95'
Baker model "retrieva D" packer	3.25"	6.093"	7025'
Baker model 80-32 seal assembly	2.406"	2.688"	7036.66.
X-Over: 2 3/8" 10rd BX by BX	1.906"	3.062"	7037.09'
X-Over: 2 3/8" NU to EU	1.905"	3.062"	7037.46'
1 jt of 2 3/8" EU 8rd	1.901"	3.062"	7069.12'
Baker model "R" nipple	1.760"	2.92"	7069.89'
Mule shoe collar	1.901"	2.92"	7071.21'

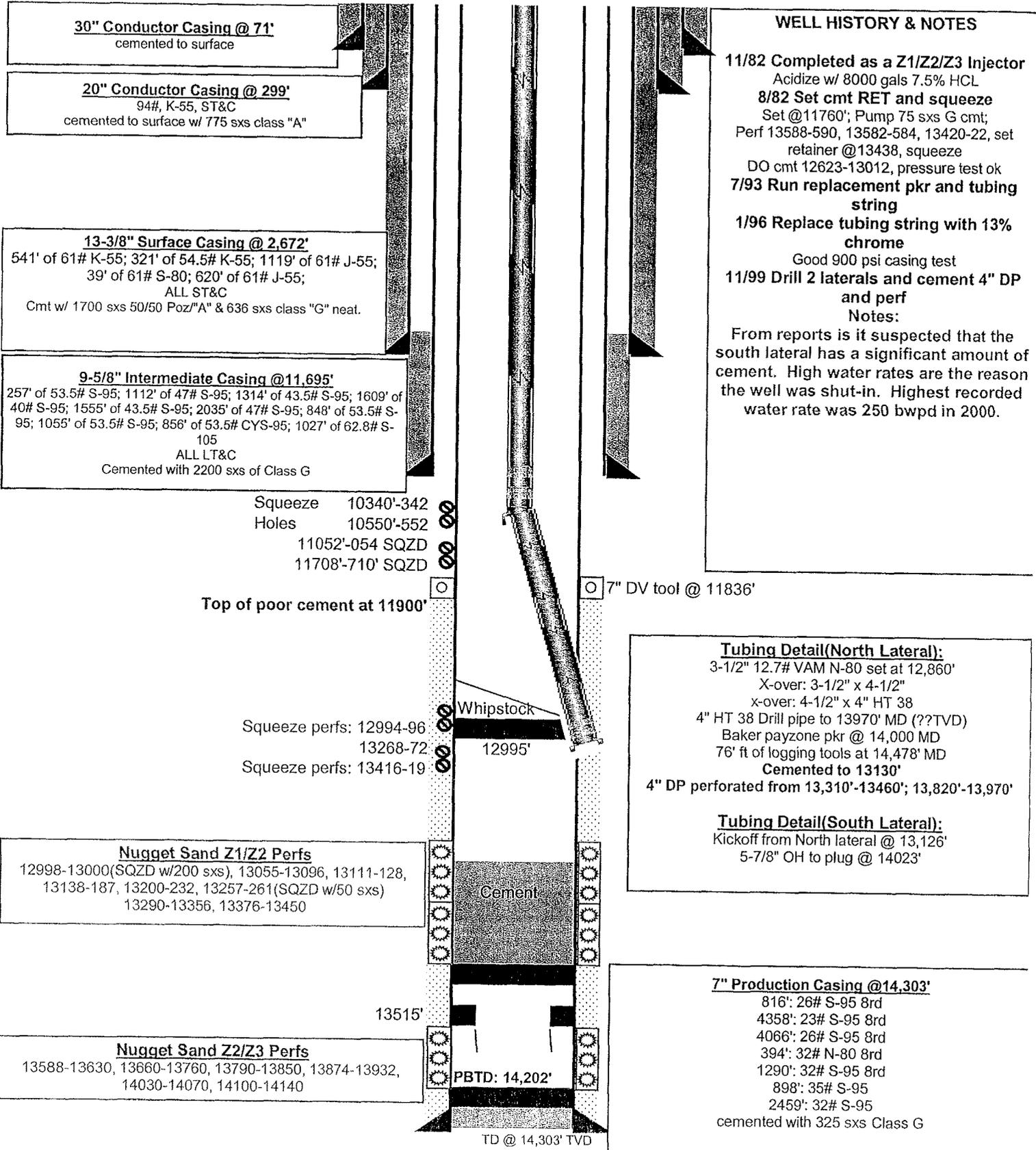
PBTD:

TD: 7300.25'



ANSCHUTZ RANCH EAST UNIT W31-04

Summit County, Utah
Location: 731' FWL & 87' FNL Sec 31-T4N-R7E
Elevation: 7894' GL/ 7926' KB
Last Updated by CAM 12/17/2007



WELL HISTORY & NOTES

11/82 Completed as a Z1/Z2/Z3 Injector
Acidize w/ 8000 gals 7.5% HCL
8/82 Set cmt RET and squeeze
Set @ 11760'; Pump 75 sxs G cmt;
Perf 13588-590, 13582-584, 13420-22, set
retainer @ 13438, squeeze
DO cmt 12623-13012, pressure test ok
7/93 Run replacement pkr and tubing
string
1/96 Replace tubing string with 13%
chrome
Good 900 psi casing test
11/99 Drill 2 laterals and cement 4" DP
and perf
Notes:
From reports is it suspected that the
south lateral has a significant amount of
cement. High water rates are the reason
the well was shut-in. Highest recorded
water rate was 250 bwpd in 2000.

Tubing Detail(North Lateral):
3-1/2" 12.7# VAM N-80 set at 12,860'
X-over: 3-1/2" x 4-1/2"
x-over: 4-1/2" x 4" HT 38
4" HT 38 Drill pipe to 13970' MD (??TVD)
Baker payzone pkr @ 14,000 MD
76' ft of logging tools at 14,478' MD
Cemented to 13130'
4" DP perforated from 13,310'-13460'; 13,820'-13,970'

Tubing Detail(South Lateral):
Kickoff from North lateral @ 13,126'
5-7/8" OH to plug @ 14023'

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

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

WELL NAME:	ARE W20-02			FIELD:	ANSCHUTZ RANCH EAST		
QTR QTR:	SEC:	20	TWN:	4N	RNG:	8E	
COUNTY:	SUMMIT		ST:	UT		SPUD DATE:	05/01/83
KB:	7331	GL:	7310	TD:	13928	PBDT:	12950
LAST UPDATED:	11/09/07		BY:	CASEY MORTON			

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8", 13-5/8"	54.5-88.2#	K-55, HC-95	5140'
INTERMEDIATE	9-5/8", 9-7/8"	47-62.8#	MC-95, S-105	10934'
PRODUCTION	7"	32-35#	N-80, S-95	13928'

Has an additional 20" surface casing string set @ 60', not shown on WBS

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				21.00
82 JTS	2-7/8"	6.5#	N-80	2,650.53
GLV #7	2-7/8"			2,657.57
78 JTS	2-7/8"	6.5#	N-80	5,139.88
GLV #6	2-7/8"			5,146.91
68 JTS	2-7/8"	6.5#	N-80	7,311.03
GLV #5	2-7/8"			7,318.05
58 JTS	2-7/8"	6.5#	N-80	9,167.66
GLV #4	2-7/8"			9,174.68
48 JTS	2-7/8"	6.5#	N-80	10,692.10
GLV #3	2-7/8"			10,699.12
34 JTS	2-7/8"	6.5#	N-80	11,784.19
GLV #2	2-7/8"			11,791.22
24 JTS	2-7/8"	6.5#	N-80	12,558.46
GLV #1	2-7/8"			12,565.48
1 JT	2-7/8"	6.5#	N-80	12,597.76
X NIPPLE	2.313"			12,598.80
1 JT	2-7/8"	6.5#	N-80	12,631.08
ON/OFF TOOL	2-7/8" X 5-1/2"			12,632.90
PUP JT	2-7/8"	6.5#	N-80	12,638.98
ASI-X PKR	2-7/8" X 7"			12,646.52
PUP JT	2-7/8"	6.5#	N-80	12,652.60
XN NIPPLE	2.313" W/ NO G			12,653.73
PUP JT	2-7/8"	6.5#	N-80	12,659.78
WL REENTY	2-7/8"			12,660.46

Based on 03/18/04 Pulling Report

WELL HISTORY:

08/18/83	Perf Z3 f/ 13476-560, acidize w/ 6300g 10% HCL
	Perf Z2 f/ 13004-430 (OA) w/ TCP.
	Acidize all w/ 600 bbls acid
10/17/84	Left 7' of PLT tool in hole
01/08/86	Sqz 13004-108 w/ 150 sxs
	Perf Z1 f/ 12739-924 (OA) w/ TCP (no stimulation)
02/15/86	PLT indicates flow f/ 5 of 11 zones
07/29/86	Test lower Z2 & Z3
09/09/86	Convert to injection, perf Z2 f/ 13005-065, 13080-110
03/01/95	Convert to production
05/18/98	Attempt WSO, spot 27 bbl cmt f/ 12950-13628 (tagged @ 12951)
02/01/04	Set CIBP at 12990? RIH with gas lift

NUGGET Z1 PERFS

12739-768, 12778-784
12792-811, 12831-864
12890-899, 12912-924

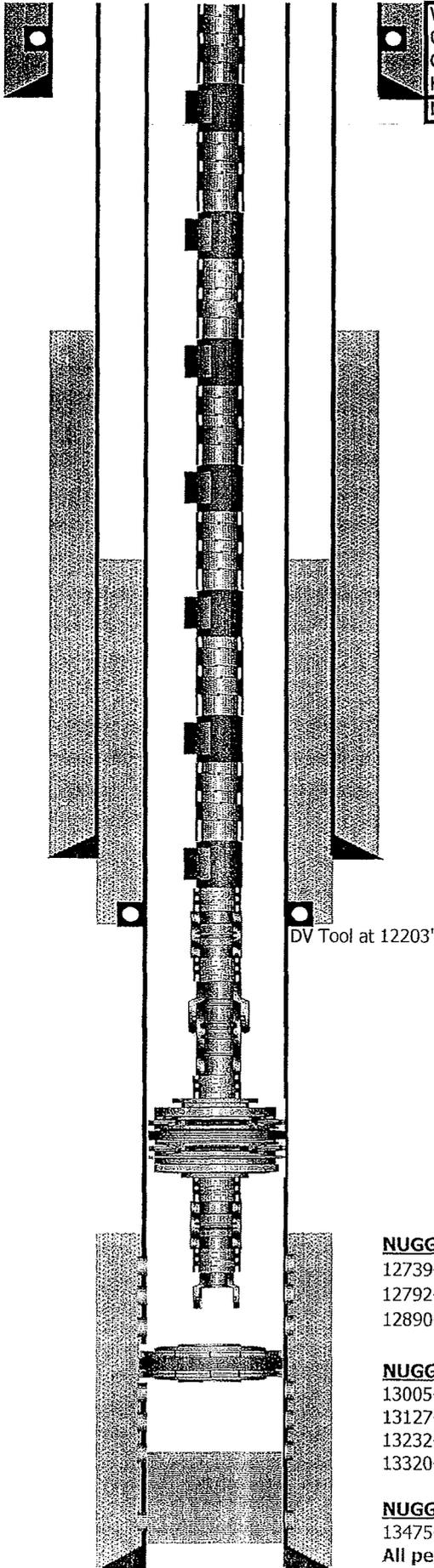
NUGGET Z2 PERFS

13005-065, 13080-110 (w/ 1/4 spf, 0 phasing)
13127-152, 13164-220
13232-256, 13280-308
13320-360, 13372-430

NUGGET Z3 PERFS

13475-560

All perfs shot w/ 4 spf 90 phasing unless noted otherwise



WELL NAME:	ARE W31-06			FIELD:	ANSCHUTZ RANCH EAST		
QTR QTR:	SEC:	31	TWN:	4N	RNG:	8E	
COUNTY:	SUMMIT		ST:	UT			
KB:	7770	GL:	7743	TD:	14330	PBDT:	13367
LAST UPDATED:	08/14/08		BY:	CASEY MORTON			

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	54.5-61#	K-55	2301'
INTERMEDIATE	9-5/8", 9-7/8"	47-62.8#	N-80, S-105	10689'
PRODUCTION	7"	32-38#	N-80, P-110	14033'

Has an additional 20" surface casing string set @ 107', not shown on WBS

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				27.00
326 JTS	2-7/8"	6.5#	N-80	10,269.42
PUP	2-7/8"	6.5#	N-80	10,275.50
ON/OFF				10,277.02
ARROWSET PKR				10,284.73
56 JTS	2-7/8"	6.5#	N-80	12,048.52
X NIPPLE				12,049.72
1 JT	2-7/8"	6.5#	N-80	12,081.06
XN NIPPLE				12,082.34
1 JT	2-7/8"	6.5#	N-80	12,114.74
WL REENTRY				12,115.16

Based on tubing details 12/10/04

COILED TUBING DETAILS

	LENGTH	SET DEPTH
1-1/4" CT	8992.0	8,992.00
GLV #8	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	942.0	9,942.00
GLV #7	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	792.0	10,742.00
GLV #6	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	592.0	11,342.00
GLV #5	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	542.0	11,892.00
GLV #4	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	392.0	12,292.00
GLV #3	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	392.0	12,692.00
GLV #2	SJ 40 1" GLV w/ 3/16" PORT	8.0
1-1/4" CT	392.0	13,092.00
GLV #1	1" GLV w/ 3/16" S/O	8.0
		13,100.00

Based on coiled tubing details 04/14/05

WELL HISTORY:

09/01/83	Complete Z2 & Z3
06/01/85	Perf & Acidize Z1
03/01/86	Add Z1, Z2 & OT pay
02/01/89	Add Z3 & OT pay
04/01/89	Close SS - OT only
04/01/90	Open SS - NS/OT
04/01/92	Replace corroded tubing
04/01/95	Replace corroded tubing w/ Chrome
10/01/96	Frac Z1 & Z2
03/28/01	Pulled pkr, ran 2-7/8" tubing (no packer)
07/01/01	Gas lifted ("Poor Boy")
05/01/03	Chemical hot oil for paraffin, net increase 1 mmcf/d
08/01/04	Shut off lift gas (circulating)
09/11/04	WL TD - tagged fill @ 13367' (sand in bailer)
12/01/04	CO Fill to new PBDT 14060'

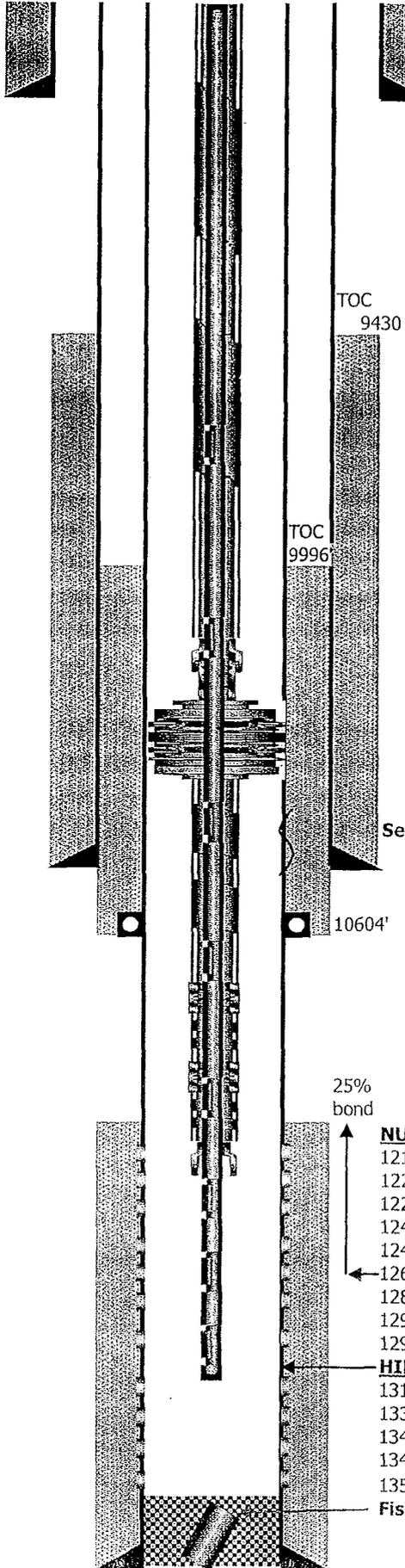
NUGGET PERFS

- 12171-188, 12194-228
- 12238-254, 12256-262
- 12270-308, 12310-364
- 12410-454, 12462-470
- 12472-548, 12551-618
- 12638-745, 12746-776
- 12820-850, 12860-892
- 12902-940, 12952-974
- 12992-13058

HINGELINE

- 13130-212, 13230-282
- 13330-450
- 13460-462 (sqzd)
- 13471-490, 13508-574
- 13596-668, 13704-816, 13834-974

Fish @ 14165': Open Hole logging tool (39.1' long, 3-3/8" OD)



NOTE: TITE SPOT NOTED IN 7" CASING @ 10416' (CALIPER MAR-01)

Lease & Well No. ARE W36-16 (FKA: Island Ranch E-1)
 Field Name Anschutz Ranch East
 Location Sec. 36, 4N 7E

CPF Name Gas Gathering
 County & State Summit County, UT
 API No. _____

Well Information

Ground Elevation: 9,070' Spud Date: 2/01/82
 KB Elevation: 9,108' Completion Date: 11/01/83

Plugback Depth: ?? Current Prod: Oil - 0 bopd
 Total Depth: 14,475' Gas - 185 mcfpd
 Water - 175 bwpd

Comments: Schlumberger coiled tubing gas lift setup
 No Merit Reports in PA
 FTP - ?
 FCP - ?
 SITP - ?
 SICP - ?
 SIBHP - ?

Pipe Data

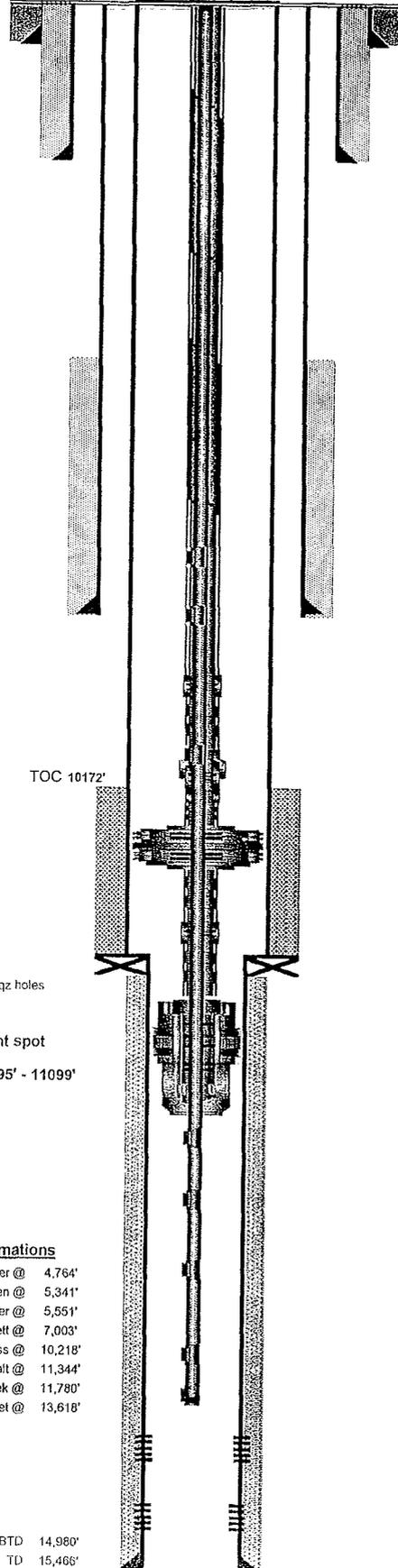
Conductor						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	0'	0	Unk	Unk	Unk	
Surface						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	2,888'	13-3/8"	54.5&61#	K-55		
Intermediate 1						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	6,833'	9-5/8"	47.0#	HC-95	Unk	DV@ 5662
Intermediate 2 and Production Liner						
Top	Bottom	Size	Weight	Grade	Sx. Cmt	Comments
0'	11,817'	7"	32-35#	S-95	Unk	32#-6230', 29#-10489'
10,476'	14,775'	4-1/2"	15.1#	P-110	Unk	4" ID PBR @ 10746'

Tubing Details						
Description	Length	Bottom	Size	Min. ID	Weight	Grade
KB	38.00'	38.00'				
318 jts	9,854.00'	9,892.00'	3-1/2"		10.3#	VAM; N-80
24 jts	743.72'	10,635.72'	3-1/2"		9.2#	Chrome
R-Nipple	1.00'	10,636.72'	3-1/2"	2.562		
1 jt	31.00'	10,667.72'	3-1/2"		9.2#	Chrome
On/Off tool	1.00'	10,668.72'	5-1/2 x 3-1/2"			
Pup joint	6.00'	10,674.72'	3-1/2"			VAM
Baker FHL packer	6.00'	10,680.72'				
1 jt	31.00'	10,711.72'	3-1/2"			VAM
R Nipple	1.00'	10,712.72'	3-1/2"	2.562		
1 jt	31.00'	10,743.72'	3-1/2"			VAM
PBR	4.00'	10,747.72'		4"		
Seal Assmblly		10,747.72'				
COILED TUBING DETAILS						
1-1/4" Coiled tubing	6,766.00'	6,766.00'				
Valve 8		6,767.00'				
Valve 7		8,766.00'				
Valve 6		10,166.00'				
Valve 5		11,016.00'				
Valve 4		11,616.00'				
Valve 3		12,216.00'				
Valve 2		12,716.00'				
Valve 1		13,117.00'				

Perforations

Date	Pay Gross Net	Top Bottom	PH/A PH/H	Holes	Notes
9/11/1985	13,400'	13,410'	10'	40	Sand Frac(48K lbs.)
9/11/1985	13,420'	13,482'	62'	248	Sand Frac(48K lbs.)
9/11/1985	13,510'	13,516'	6'	24	Sand Frac(48K lbs.)
9/11/1985	13,542'	13,562'	20'	80	Sand Frac(48K lbs.)
9/11/1985	13,582'	13,613'	31'	124	Sand Frac(48K lbs.)
9/11/1985	13,676'	13,690'	14'	56	Sand Frac(48K lbs.)
9/11/1985	13,701'	13,710'	9'	36	Sand Frac(48K lbs.)
	13,750'	13,768'	18'	72	
1/8/1984	13,776'	13,832'	56'	224	All 4 SPF
1/8/1984	13,861'	13,894'	33'	132	All 4 SPF
1/8/1984	13,924'	13,950'	26'	104	All 4 SPF
1/8/1984	13,980'	14,015'	35'	140	All 4 SPF
1/8/1984	14,030'	14,054'	24'	96	All 4 SPF
1/8/1984	14,061'	14,072'	11'	44	All 4 SPF
	14,088'	14,158'	70'	280	All 4 SPF
9/28/1987	14,270'	14,340'	70'	280	All 4 SPF
9/28/1987	14,370'	14,520'	150'	600	All 4 SPF
9/28/1987	14,580'	14,600'	20'	80	All 4 SPF
9/28/1987	14,600'	14,600'	0'	0	

Current Completion



Formations

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

PBTD 14,980'
 TD 15,466'

MERIT ENERGY COMPANY

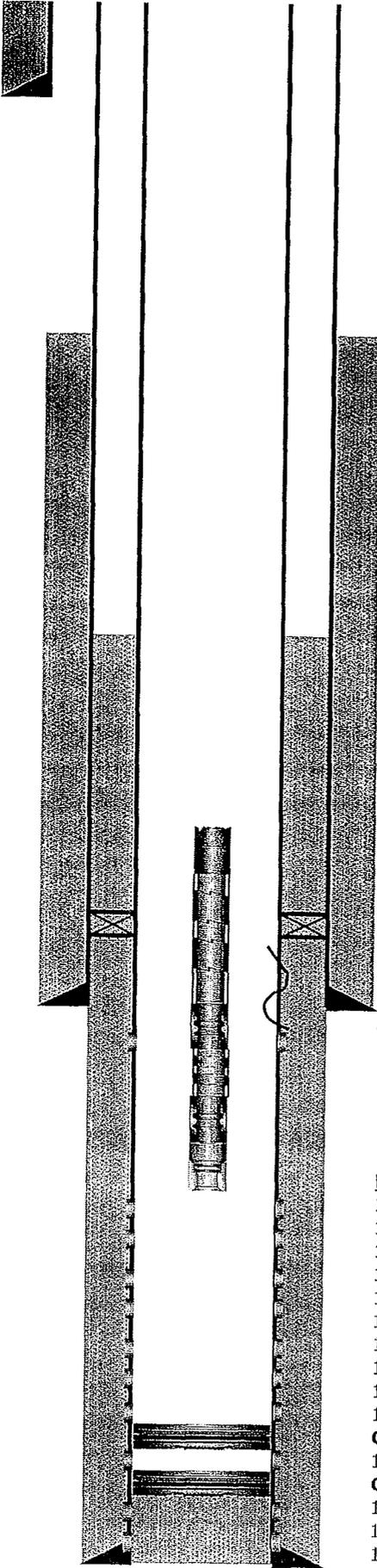
WELL NAME:	ARE E28-06			FIELD:	ANSCHUTZ RANCH EAST	
QTR QTR:	SEC:	28	TWN:	4N	RNG:	8E
COUNTY:	SUMMIT		ST:	UT		
KB:	7513	GL:	7487	TD:	15170	
LAST UPDATED:			09/13/05	BY:	MIKE MERCER	

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	72#	S95	3988'
INTERMEDIATE	9-5/8", 9-7/8"	47#, 62.8#	S95	12990'
PRODUCTION	7"	32#	L80	F/12313-15160
TIEBACK	7"	32#	N80, S95	F/0-12313'

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
KB				26.00
TUBING PULLED 07/13/05				



TOL @ 12313

COLLAPSED CASING @ +/-12678'

SQZ PERFS

12991-12993

NUGGET PERFS

14250-14265
 14310-14316
 14325-14332
 14360-14372
 14380-14396
 14466-14482
 14500-14506
 14530-14566
 14594-14630
 14728-14755
CICR @ 14802'
 14814-14866
CICR @ 14900'
 14980-14988 (SQZD)
 14992-15009 (SQZD)
 15018-15024 (SQZD)

FISH: 2-7/8" 6.5# N80 stub, 43 jts 2-7/8" 6.5# N80, X Nipple, 1 jt 2-7/8" 6.5# N80, XN Nipple, WL Re-entry guide (1410.50')



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2011

43 043 30190
ARE W31-12
4N 8E 31

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

Subject: **Notice of Violation: Abandoned Well Requirements for Fee or State Leases**

Dear Ms. White:

The Division of Oil, Gas and Mining (the Division) is reissuing this Notice of Violation (NOV) that originally went out via certified mail to Merit Energy Company (Merit) on July 1, 2010 (see Attachment of original Violation). Merit was given until September 30, 2010, to respond to this NOV. To date the Division has not received any information from Merit showing any attempt to move these wells out of violation status.

As of January 1, 2011, Merit had twenty five (25) wells that were in non-compliance with the requirements for shut-in or temporarily abandoned (SI/TA) status. The Division recognizes that two (2) wells have been plugged and abandoned (PA'd) in March of this year. However the two wells that were PA'd were not part of this NOV. Currently Merit has twenty three (23) wells that are still in non-compliance. Nine (9) of the 23 wells have previously been addressed in this NOV (see Attachment), originally dated June 30, 2010. Six (6) wells have recently been issued an NOV and the remaining eight (8) have also recently being issued a second notice of non-compliance.

Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

IMMEDIATE ACTION REQUIRED: Please submit information required by R649-3-36, plug and abandon or place wells on production.

Date of service mailing: June 7, 2011
CERTIFIED MAIL No.: 7005 1820 0001 5562 9832

If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,


Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Well Files
Compliance File

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



UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: MERIT ENERGY COMPANY

Well(s) or Site(s): 1.) <u>ARE W31-04E</u>	API #: <u>43-043-30165</u>
2.) <u>CHAMPLIN 372 AMOCO C1</u>	<u>43-043-30143</u>
3.) <u>ARE W31-12</u>	<u>43-043-30190</u>
4.) <u>ARE W16-14</u>	<u>43-043-30096</u>
5.) <u>ARE 16-12</u>	<u>43-043-30231</u>
6.) <u>CHAMPLIN 387 B1A</u>	<u>43-043-30168</u>
7.) <u>ARE W17-16</u>	<u>43-043-30176</u>
8.) <u>ARE W16-06</u>	<u>43-043-30138</u>
9.) <u>ARE W20-06</u>	<u>43-043-30159</u>
10.) <u>ARE W20-02</u>	<u>43-043-30228</u>

Date and Time of Inspection/Violation: June 30, 2010

Mailing Address: Attn: Michal K. White

13727 Noel Road, Ste 500

Dallas, TX 75240

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

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – With the exception of wells 9 and 10 listed above, the above referenced wells have been Shut-in or Temporarily Abandoned (SI/TA) over 5 consecutive years. Wells 9 and 10 are approaching 5 years consecutive shut-in and only produced intermittently from 2004 to 2006 after previously being shut-in in 2000 and 1998 respectively. According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

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Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

The Division has initiated several contacts with Merit Energy Company (Merit) requesting required documents and action per R649-3-36. All wells listed above had a first notice sent out via certified mail on January 22, 2004 to Merit. Previously in 2003, BP America Production Company (Merits' predecessor) had SI/TA requests denied on all wells listed above except well 1 and well 9. The Division accepted a plan on April 8, 2005 for wells 1 through 8 to bring those wells back into production. After several correspondence and accepted plans to bring wells into production, the Division issued a Third Notice on August 26, 2008. The Division notified Merit on January 21, 2009 that the plan and submitted integrity information was insufficient. By letter dated August 26, 2009, Merit proposed to get proper MIT data and reactivate several of the wells. Our records show nothing has been done to date to move these wells out of violation status. The Division has had numerous other communications by phone and email with Merit and Merit has not provided adequate data to prove mechanical integrity and has not followed through with plans for removing wells from the SI/TA list. Merit has not complied with rule R649-3-36 despite the several years the Division has worked with Merit to bring these wells into compliance. In addition to the wells subject to this NOV, Merit has 15 additional wells SI/TA beyond 12 months without approval. Immediate action must be taken on those wells as well.

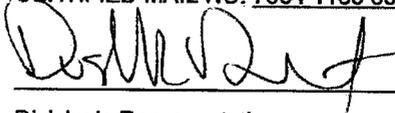
Action: For the well subject to this notice, Merit shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

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

Compliance Deadline: September 30, 2010

Date of Service Mailing: July 1, 2010

CERTIFIED MAIL NO: 7004 1160 0003 0190 4543



Division's Representative

Operator or Representative

(If presented in person)

6/2005

RECEIVED
OCT 14 1988

DIVISION OF
OIL, GAS & MINING

**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

43-043-30190

P

AMOCO PRODUCTION COMPANY
COMPANY

4N 8E - 31

CHAMPLIN 458 AMOCO E-3 *W 31-12*
WELL NAME

SUMMIT COUNTY, UTAH
LOCATION

<u>JOB NUMBER</u>	<u>TYPE OF SURVEY</u>	<u>DATE</u>
RM882-D1978	MAGNETIC SINGLE SHOT	22 OCTOBER 1982
RM782-D1885	MAGNETIC SINGLE SHOT	
RM782-A1894	SEEKER GYRO	
RM282-G1492	GYROSCOPIC MULTI-SHOT	25 FEBRUARY 1982

SURVEY BY
COY, ALEXANDER, MORSE, CLAYTON

OFFICE
ROCKY MOUNTAIN

AMOCO PRODUCTION COMPANY

COMPLETION REPORT

WELL NAME: CHAMPLIN 453 AMOCO E-3

LOCATION: SUMMIT COUNTY, UTAH

FILE NO.: A2-060, FL3-20

START DATE: FEBRUARY 25, 1982

JOB NO.: RM282-G1492

TYPE: GYROSCOPIC SURVEY

SURVEYOR: DENNY COY, CHUCK CLAYTON

DECLINATION: 15 EAST

COMPUTER OPERATOR: STEVE THURSTON

RELATED FILES: AM1-85, 86, 92, 102

TYPE: SEEKER SURVEY

JOB NO.: RM782-A1894

SURVEYOR: LYNN ALEXANDER

JOB NO.: RM782-D1885

DIRECTIONAL DRILLER: LARRY MORSE

JOB NO.: RM882-D1978

TYPE: MAGNETIC SINGLE SHOT

DIRECTIONAL DRILLER: CHUCK CLAYTON



RADIUS OF CURVATURE METHOD

MEASURED DEPTH FEET	DRIFT ANGLE		DRIFT DIRECTION		COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES		DOGLEG SEVERITY DG/100FT
	D	M	D	M			FEET	FEET	
0.	0	0	0	0	0.	0.00	0.00	0.00	0.00
100.	0	30	S 66	0 W	100.	100.00	0.18 S	0.40 W	0.50
200.	0	45	S 70	0 W	100.	199.99	0.59 S	1.41 W	0.25
300.	0	30	S 57	0 W	100.	299.99	1.07 S	2.39 W	0.29
400.	1	0	S 54	0 W	100.	399.98	1.81 S	3.47 W	0.50
500.	1	0	S 29	0 W	100.	499.96	3.11 S	4.61 W	0.43
600.	0	30	S 44	0 W	100.	599.95	4.16 S	5.39 W	0.53
700.	1	0	S 38	0 W	100.	699.94	5.15 S	6.25 W	0.51
800.	1	0	S 34	0 W	100.	799.93	6.56 S	7.27 W	0.07
900.	1	0	S 58	0 W	100.	899.91	7.76 S	8.52 W	0.42
1000.	1	0	S 35	0 W	100.	999.90	8.96 S	9.78 W	0.40
1100.	1	0	S 31	0 W	100.	1099.88	10.42 S	10.73 W	0.07
1200.	1	0	S 32	0 W	100.	1199.87	11.91 S	11.64 W	0.02
1300.	1	30	S 41	0 W	100.	1299.84	13.66 S	12.94 W	0.54
1400.	1	30	S 33	0 W	100.	1399.81	15.75 S	14.51 W	0.21
1500.	1	30	S 41	0 W	100.	1499.78	17.84 S	16.09 W	0.21
1600.	1	30	S 34	0 W	100.	1599.74	19.91 S	17.68 W	0.18
1700.	1	45	S 38	0 W	100.	1699.70	22.21 S	19.34 W	0.27
1800.	1	30	S 12	0 W	100.	1799.66	24.76 S	20.53 W	0.77
1900.	2	0	S 4	0 E	100.	1899.61	27.79 S	20.74 W	0.69
2000.	2	15	S 14	0 E	100.	1999.55	31.45 S	20.17 W	0.45
2100.	2	15	S 29	0 E	100.	2099.47	35.09 S	18.73 W	0.59
2200.	3	0	S 30	0 E	100.	2199.36	39.08 S	16.48 W	0.75
2300.	3	0	S 31	0 E	100.	2299.23	43.59 S	13.82 W	0.05
2400.	3	30	S 36	0 E	100.	2399.06	48.31 S	10.69 W	0.57
2500.	3	15	S 32	0 E	100.	2498.89	53.19 S	7.40 W	0.34
2600.	3	0	S 28	0 E	100.	2598.74	57.91 S	4.67 W	0.33
2700.	3	0	S 31	0 E	100.	2698.60	62.47 S	2.10 W	0.16
2800.	2	45	S 27	0 E	100.	2798.48	66.85 S	0.33 E	0.32
2900.	2	45	S 28	0 E	100.	2898.36	71.11 S	2.55 E	0.05

Earthman
 Whittaker
 COMPANY

AMOCO PRODUCTION COMPANY
 WELL NAME: CHAMPLIN 453 AMOCO E-3
 LOCATION: SUMMIT COUNTY, UTAH

COMPLETION REPORT

COMPUTATION
 TIME DATE
 10:59:13 27-OCT-82

PAGE NO.

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
3000.	2 45	S 34 0 E	100.	2998.25	75.22 S 5.02 E	0.29
3100.	3 0	S 32 0 E	100.	3098.12	79.42 S 7.75 E	0.27
3200.	2 45	S 33 0 E	100.	3198.00	83.65 S 10.44 E	0.25
3300.	2 45	S 31 0 E	100.	3297.88	87.72 S 12.99 E	0.10
3400.	3 0	S 33 0 E	100.	3397.76	91.97 S 15.64 E	0.27
3500.	3 15	S 36 0 E	100.	3497.61	96.47 S 18.73 E	0.30
3600.	3 30	S 42 0 E	100.	3597.43	101.04 S 22.43 E	0.43
3700.	4 0	S 44 0 E	100.	3697.22	105.82 S 26.89 E	0.52
3800.	4 15	S 45 0 E	100.	3796.96	110.95 S 31.94 E	0.26
3878.	4 0	S 45 0 E	78.	3874.76	114.92 S 35.90 E	0.32

END OF GYRO SURVEY, START MAGNETIC SINGLE SHOT SURVEYS

4000.	3 45	S 54 0 E	122.	3996.48	120.27 S 42.17 E	0.54
4125.	3 45	S 54 0 E	125.	4121.21	125.08 S 48.78 E	0.00
4249.	4 0	S 57 0 E	124.	4244.93	129.82 S 55.69 E	0.26
4373.	4 45	S 56 0 E	124.	4368.56	135.04 S 63.57 E	0.61
4499.	5 0	S 56 0 E	126.	4494.11	141.03 S 72.45 E	0.20
4624.	5 45	S 59 0 E	125.	4618.56	147.32 S 82.33 E	0.64
4749.	6 30	S 61 0 E	125.	4742.84	153.99 S 93.88 E	0.62
4872.	7 15	S 64 0 E	123.	4864.96	160.79 S 106.93 E	0.68
4992.	8 0	S 64 0 E	120.	4983.90	167.77 S 121.25 E	0.63
5122.	8 45	S 65 0 E	130.	5112.51	175.92 S 138.34 E	0.59
5248.	9 30	S 65 0 E	126.	5236.91	184.36 S 156.45 E	0.60
5374.	10 0	S 64 0 E	126.	5361.09	193.55 S 175.70 E	0.42
5499.	10 0	S 64 0 E	125.	5484.20	203.07 S 195.21 E	0.00
5625.	9 30	S 62 0 E	126.	5608.38	212.75 S 214.22 E	0.48
5654.	9 30	S 63 0 E	29.	5636.98	214.96 S 218.47 E	0.57
5783.	8 45	S 63 0 E	129.	5764.34	224.25 S 236.70 E	0.58
5845.	8 45	S 64 0 E	62.	5825.62	228.46 S 245.14 E	0.25
5892.	8 45	S 52 0 E	47.	5872.08	232.24 S 251.19 E	3.88
5954.	8 45	S 47 0 E	62.	5933.35	238.36 S 258.36 E	1.23

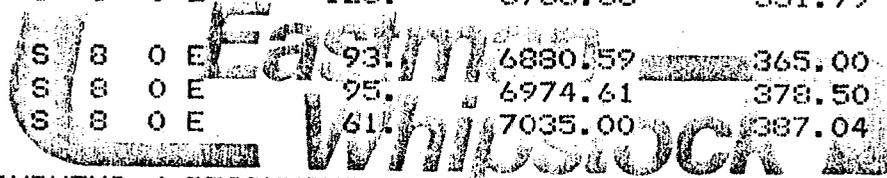
WELL NAME: CHAMPLIN 458 AMOCO E-3

TIME DATE

LOCATION: SUMMIT COUNTY, UTAH

10:59:18 27-OCT-82

MEASURED DEPTH FEET	DRIFT		COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES		DOGLEG SEVERITY DG/100FT
	ANGLE D M	DIRECTION D M			FEET		
5986.	8 45	S 42 0 E	32.	5964.98	241.83 S	261.77 E	2.38
6093.	8 45	S 45 0 E	107.	6070.74	253.64 S	272.97 E	0.43
6155.	8 45	S 44 0 E	62.	6132.01	260.37 S	279.58 E	0.25
6248.	8 30	S 45 0 E	93.	6223.96	270.32 S	289.36 E	0.31
6303.	8 0	S 34 0 E	55.	6278.39	276.40 S	294.37 E	3.01
6369.	8 45	S 21 0 E	66.	6343.69	284.90 S	298.80 E	3.08
6475.	9 0	S 6 0 E	106.	6448.42	300.76 S	302.61 E	2.19
6569.	9 0	S 6 0 E	94.	6541.26	315.39 S	304.15 E	0.00
6693.	8 15	S 7 0 E	124.	6663.86	333.86 S	306.25 E	0.62
6819.	8 15	S 8 0 E	126.	6788.56	351.79 S	308.61 E	0.11
6912.	8 15	S 8 0 E	93.	6880.59	365.00 S	310.47 E	0.00
7007.	8 15	S 8 0 E	95.	6974.61	378.50 S	312.37 E	0.00
7068.	8 0	S 8 0 E	61.	7035.00	387.04 S	313.57 E	0.41



END OF MAGNETIC SINGLE SHOT SURVEYS / BEGINNING OF SEEKER SURVEYS

7100.	7 55	S 7 28 E	32.	7066.69	391.43 S	314.16 E	0.34
7200.	8 19	S 8 39 E	100.	7165.69	405.42 S	316.14 E	0.44
7300.	8 40	S 8 22 E	100.	7264.59	420.03 S	318.33 E	0.35
7400.	8 49	S 9 59 E	100.	7363.43	435.04 S	320.76 E	0.28
7500.	9 2	S 13 53 E	100.	7462.21	450.23 S	323.97 E	0.65
7600.	9 8	S 15 15 E	100.	7560.96	465.51 S	327.94 E	0.24
7700.	9 27	S 17 10 E	100.	7659.64	481.02 S	332.46 E	0.44
7800.	10 5	S 20 45 E	100.	7758.19	497.07 S	337.97 E	0.88
7900.	10 28	S 22 6 E	100.	7856.59	513.69 S	344.49 E	0.45
8000.	10 34	S 24 3 E	100.	7954.90	530.49 S	351.66 E	0.37
8100.	10 49	S 26 14 E	100.	8053.16	547.31 S	359.55 E	0.47
8200.	10 41	S 26 24 E	100.	8151.40	564.04 S	367.83 E	0.14
8300.	10 45	S 26 10 E	100.	8249.66	580.73 S	376.07 E	0.08
8400.	10 52	S 28 31 E	100.	8347.88	597.40 S	384.70 E	0.46
8500.	10 19	S 28 47 E	100.	8446.17	613.55 S	393.52 E	0.56

AMOCO PRODUCTION COMPANY
 WELL NAME: CHAMPLIN 458 AMOCO E-3
 LOCATION: SUMMIT COUNTY, UTAH

COMPLETION REPORT

COMPUTATION PAGE NO.
 TIME DATE
 10:59:18 27-OCT-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
8600.	10 5	S 30 28 E	100.	8544.59	628.95 S 402.28 E	0.37
8700.	9 47	S 31 21 E	100.	8643.09	643.77 S 411.15 E	0.33
8800.	9 7	S 32 30 E	100.	8741.72	657.73 S 419.85 E	0.69
8900.	8 47	S 33 16 E	100.	8840.50	670.80 S 428.31 E	0.37
9000.	8 57	S 32 26 E	100.	8939.31	683.76 S 436.68 E	0.22
9100.	9 29	S 34 48 E	100.	9038.01	697.12 S 445.56 E	0.66
9200.	9 22	S 33 30 E	100.	9136.66	710.69 S 454.77 E	0.24
9300.	9 27	S 33 53 E	100.	9235.31	724.31 S 463.85 E	0.11
9400.	9 49	S 35 18 E	100.	9333.90	738.10 S 473.37 E	0.43
9500.	9 58	S 35 46 E	100.	9432.41	752.09 S 483.36 E	0.17
9600.	9 28	S 37 52 E	100.	9530.97	765.61 S 493.48 E	0.61
9700.	9 15	S 39 45 E	100.	9629.64	778.29 S 503.68 E	0.37
9800.	9 45	S 42 55 E	100.	9728.26	790.69 S 514.59 E	0.73
9900.	11 13	S 48 15 E	100.	9826.59	803.43 S 527.59 E	1.74
10000.	13 49	S 54 55 E	100.	9924.20	816.89 S 544.58 E	2.98
10100.	15 26	S 56 17 E	100.	10020.95	831.16 S 565.43 E	1.65
10200.	15 54	S 51 28 E	100.	10117.23	847.09 S 587.25 E	1.38
10300.	17 20	S 51 19 E	100.	10213.05	864.94 S 609.61 E	1.42

START SIDETRACK NO.1 AT 10350 FT. MD.

10400.	16 44	S 37 12 E	100.	10308.66	885.86 S 630.00 E	4.17
10500.	16 3	S 27 26 E	100.	10404.60	909.69 S 645.07 E	2.83
10600.	15 39	S 15 44 E	100.	10500.79	935.06 S 655.11 E	3.22
10700.	15 46	S 7 30 E	100.	10597.05	961.57 S 660.56 E	2.23
10800.	12 18	S 8 26 E	100.	10694.05	985.59 S 663.93 E	3.48
10900.	13 19	S 10 12 E	100.	10791.56	1007.47 S 667.52 E	1.09
11000.	12 25	S 16 10 E	100.	10889.04	1029.15 S 672.61 E	1.60
11100.	10 36	S 20 17 E	100.	10987.02	1048.12 S 678.85 E	1.99

END OF SEEKER GYRO, START MAGNETIC SINGLE SHOT SURVEYS

AMOCO PRODUCTION COMPANY
 WELL NAME: CHAMPLIN 458 AMOCO E-3
 LOCATION: SUMMIT COUNTY, UTAH

COMPLETION REPORT

COMPUTATION PAGE NO.
 TIME DATE
 10:59:18 27-OCT-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
11356.	9 30	S 59 0 E	256.	11239.09	1081.89 S 706.84 E	2.62
11478.	12 15	S 60 0 E	122.	11358.89	1093.57 S 726.67 E	2.26
11571.	11 0	S 52 0 E	93.	11449.98	1104.04 S 742.19 E	2.19
11655.	8 18	S 37 0 E	84.	11532.78	1114.05 S 752.03 E	4.37
11751.	6 48	S 22 0 E	96.	11627.95	1125.00 S 758.22 E	2.57
11811.	5 42	S 10 0 E	60.	11687.59	1131.27 S 760.02 E	2.84
11871.	5 6	S 4 0 W	60.	11747.32	1136.89 S 760.32 E	2.40
11932.	4 42	S 5 0 W	61.	11803.10	1142.08 S 759.91 E	0.67

START SECOND SIDETRACK AT 11950 FT. MD.

11966.	5 18	S 0 0 E	34.	11841.97	1145.04 S 759.78 E	2.18
11998.	6 6	S 6 0 E	32.	11873.81	1148.22 S 759.94 E	3.11
12030.	6 30	S 11 0 E	32.	11905.62	1151.69 S 760.46 E	2.12
12130.	6 0	S 22 0 E	100.	12005.02	1162.11 S 763.55 E	1.30
12255.	5 15	S 31 0 E	125.	12129.42	1173.06 S 769.01 E	0.92
12399.	5 15	S 48 0 E	144.	12272.82	1183.19 S 777.36 E	1.08
12580.	4 45	S 55 0 E	181.	12453.13	1193.01 S 789.70 E	0.44
12662.	5 45	S 62 0 E	82.	12534.78	1196.93 S 796.10 E	1.45
12759.	7 15	S 54 0 E	97.	12631.16	1202.74 S 805.40 E	1.80
13015.	13 0	S 56 0 E	256.	12883.06	1228.54 S 842.25 E	2.25

EASTMAN WHIPSTOCK, INC. WAS RELEASED AFTER THIS SURVEY.

FINAL CLOSURE - DIRECTION: S 34 DEGS 26 MINS 0 SECS E
 DISTANCE: 1489.53 FEET

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	8. WELL NAME and NUMBER: ARE W31-12
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	9. API NUMBER: 43043301900000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778 FNL 0640 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 31 Township: 04.0N Range: 08.0E Meridian: S	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
	COUNTY: SUMMIT
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/1/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit requests approval to permanently plug & abandon this well as detailed in the attached procedure.

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

Date: August 13, 2012

By: *D. K. Quist*

NAME (PLEASE PRINT) Arlene Valliquette	PHONE NUMBER 972 628-1558	TITLE Regulatory Manager
SIGNATURE N/A	DATE 5/10/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43043301900000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Amend Plug #1: Move uphole $\pm 100'$ and set CICR @ 12750' to get above all perforated zones in Nugget formation. Pump plug as proposed in plan.
3. Amend Plug #4: This plug shall be an inside/outside plug. RIH and perforate 7" and 9 5/8" @ 5535'. RIH with CICR and set at 5485'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Close 9 5/8" casing valve and attempt to establish injection into 9 5/8" perms. If injection into the 9 5/8" perms cannot be established: M&P 45 sx cement, sting into CICR pump 28sx, sting out and dump 17 sx on top of CICR. If injection is established: M&P 100 sx cement, sting into CICR, open 13 3/8" casing valve, pump 65 sx, close 13 3/8" casing valve and open the 9 5/8" casing valve and pump 18 sx into perms, sting out and dump 17 sx on top of CICR. This will isolate the Aspen/Bear River zones.
4. Amend Plug #5: An attempt to squeeze the 9 5/8" x 13 5/8" annulus should be attempted. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. Close 9 5/8" and open 13 3/8" casing valve and attempt to establish circulation into 9 5/8" x 13 3/8" annulus. If injection into latter annulus is established: M&P 93 sx cement, sting into CICR, pump 50 sx into 9 5/8" annulus, open 9 5/8" and close 13 3/8" casing valve and pump 18 sx into 7" annulus, sting out and dump 25 sx on top of CICR as proposed. This will isolate the surface shoe and Base of Moderately Saline Ground Water.
5. Amend Plug #6: All annuli shall be cemented from a minimum depth of 100' to the surface. Perf. 7" & 9 5/8" @ 100' and circulate cement to surface (± 65 sx).
6. All balanced plugs shall be tagged to ensure that they are at the depth specified.
7. Surface reclamation shall be done in accordance with R649-3-34 - Well Site Restoration.
8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
10. All other requirements for notice and reporting in the Oil and Gas Conservation general rules shall apply.

8/13/2012

Wellbore Diagram

r263

API Well No: 43-043-30190-00-00 Permit No: UIC-137.1 Well Name/No: ARE W31-12
 Company Name: MERIT ENERGY COMPANY
 Location: Sec: 31 T: 4N R: 8E Spot: SWNW
 Coordinates: X: 492241 Y: 4543220
 Field Name: ANSCHUTZ RANCH EAST
 County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	2846	17.5			
SURF	2846	13.325	48		
SURF	2846	13.325	61		
HOL2	10272	12.25			
II	10272	9.625	40		2.349
II	10272	9.625	53.5	fr. 8091	2.517
L1	11159	7.625			
L2	14378	4.5			12.525
			15.10		2.062
					2.865
					4.524
					4.390
					6.787
					7.689 to 6.310

Cement Information

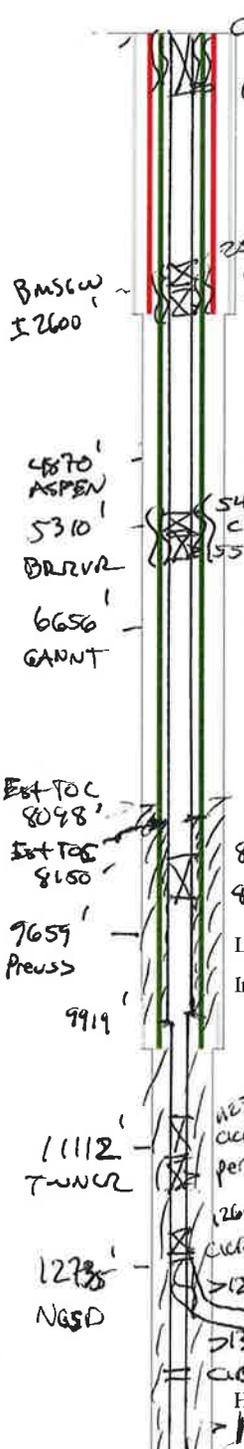
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	10272	10030	UK	800 - 500s x 50/50, 200s x 300s x G
L1	11159	10030	UK	600
L2	14378	9879	UK	510
SURF	2846	0	UK	4000
			G	200

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
13022	14326			
12752	13055			

Formation Information

Formation	Depth
ASPEN	4870
BRRVR	5310
GANNT	6656
PREUS	9659
TWNCR	11112
NGSD	12735



*** Plug # 6** pert @ 100' circ to surf.
 (W) 100' / (1.15)(4.524) = 205X
 7" ann 100' / (1.15)(6.710) = 145X
 7 5/8" ann 100' / (1.15)(2.865) = 315X
 Cement from 2846 ft. to Surface
 Hole: 17.5 in. @ 2846 ft.
 Cement from 10272 ft. to Surface: 13.325 in. @ 2846 ft.
*** Amend Plug # 5**
 * Attempt to 592 7 5/8" x 13 3/8"
 Below 50' = 105X
 7" 130' = 185X
 7 5/8" 130' / (1.15)(2.865) = 405X
 Above 255X = 130'
*** Amend Plug # 4**
 Inside/out - perfs @ 5535', circ @ 5485'
 Below 50' / (1.15)(4.524) = 105X
 out - 7 5/8" 130' / (1.15)(2.062) = 555X
 7" 130' / (1.15)(6.310) = 185X
 Above 85' / (1.15)(4.524) = 175X
Plug # 3
 (255X)(1.15)(4.524) = 130'
 Hole: 12.25 in. @ 10272 ft.
 Liner from 11159 ft. to 10030 ft.
 Intermediate: 9.625 in. @ 10272 ft.
Plug # 2
 Below 50' / (1.15)(12.525) = 45X
 (215X)(6.787)(1.15) = 164'
 Above (255X)(1.15)(12.525) = 360'
*** Plug # 1**
 move whole ± 100' set @ 12750'
 Below (1005X)(1.15)(12.525) = 1440'
 Above (W)(1.15)(12.525) = 144'
 TOC @ 12605' ✓ OK

collapse csg 136' above top perf. in 4 1/2" liner
 ± 13600' set CIRP w/10'
 CIRC @ 13202' w/10'

TD: TVD: 14418 PBTD:

ARE W31-04
Sec. 31-T4N-R7E
Summit County, Utah
API #43-043-30165
3/8/2011

Plug & Abandon

Well Data

Tubing: mixed string, see tbg detail – as run in 1999
Production Casing: 7", 23, 26, 32, and 35#, N-80 & S-95, & 5-7/8" OH section
TD: 14,271'
PBTD: 13,998' (Top of Fish – Baker PayZone Pkr)
Elevation: 7,926' KB 7,894' GL

1. Test anchors. MIRU PU.
2. ND WH and NU BOP.
3. RU WL and chemically cut tbg @ 12,900'. POOH LD.
4. RIH w/ cement retainer and set @ 12,850'.
5. PU 2-7/8" WS, sting into retainer, and pump 100 sxs cmt below and 10 sxs on top.
6. Perf csg @ 11,685'. RIH w/ cmt retainer and set @ 11,635'. Pmp 25 sxs cmt below the retainer and 25 sxs on top.
7. Mud up and then pump a cmt stabilizer plug w/ 25 sxs from 8,635' – 8,535'.
8. Mud up and then pump a cmt stabilizer plug w/ 25 sxs from 5,535' – 5,435'.
9. Perf csg @ 2,650'. RIH w/ cmt retainer and set @ 2,600'. Pmp 25 sxs cmt below the retainer and 25 sxs on top.
10. Spot 100' plug 100' to surface with 25 sxs cmt.
11. Abandon well. Cut off WH and csg. Weld on cap. RDMOL. Clean and reclaim location.

Sundry Number: 25544 API Well Number: 43043301900000

WELL NAME: ARE W31-04

COUNTY:	SUMMIT	ST:	UT	FIELD:	Anschutz Ranch East	TD:	14,478'
QTR QTR:	NWNW	SEC:	31	API #:	43-043-30165	PBTD:	13,970'
UPDATED:	07/20/09	TWN:	4N	SPUD DATE:	01/16/82	KB:	7,926'
UPDATED BY:	NICK TUNNELL	RNG:	8E	MAX TEMP:	°F	GL:	7,894'

CASING DETAILS

PURPOSE	TOC	CMT	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	SURF	2336 SX	13-3/8"	54.5 & 61#	J&K-55 & S-80	2,672'
INTERMEDIATE		2200 SX	9-5/8 & 9-7/8"	40,43,47,53,5,62,8#	S&CVS-95 & S-105	11,695'
PRODUCTION		325 SX	7"	23, 26, 32, &35#	N-80 & S-95	14,271'

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
CAMERON EXT NECK TBG HANGER				30.50'
TUBING SUB	3-1/2"	12.7#	VAM	32.10'
1 JT TUBING	3-1/2"	12.7#	VAM	65.37'
TUBING SUB	3-1/2"	12.7#	VAM	73.54'
8 JTS TUBING	3-1/2"	12.7#	VAM	326.92'
OTIS "R" PROFILE NIPPLE	2.56" ID			328.15'
397 JTS TUBING	3-1/2"	12.7#	VAM	12,857.90'
X-OVER	4-1/2" X 3-1/2"	13.5# X 12.7#	VAM PIN X VAM BOX	12,858.78'
X-OVER	4" X 4-1/2"	14 X 13.5#	HT-38 PIN X VAM BOX	12,860.00'
DRILL PIPE	4"	14#	HT-38	
X-OVER	3-1/2" X 4"			
1 JT TUBING	3-1/2"			
X-OVER	2-7/8" X 3-1/2"		EUE X VAM	
TUBING SUB	2-7/8"		EUE L-80	
LANDING COLLAR	2-7/8"			
X-OVER	2-7/8" X 2-7/8"		EUE X SEAL LOCK	
BAKER PAYZONE PKR				14000'
1 JT TUBING	2-7/8"		EUE P-110	
DUAL CHECK VALVES				

Based on pull-run dated 11/10/1999

PERFORATIONS

DATE	TOP	BOTTOM	GROSS	HOLES	SPF
1/1/4/2000	13,310'	13,460'	150'	600	4
1/13/2000	13,820'	13,970'	150'	600	4
7/19/1996	13,014'	13,034'	20'	SQUEEZED	4
10/31/1985	13,056'	13,096'	41'	SQUEEZED	4
10/31/1985	13,111'	13,128'	17'	SQUEEZED	4
10/31/1985	13,138'	13,187'	49'	SQUEEZED	4
10/31/1985	13,200'	13,232'	32'	SQUEEZED	4
11/8/1982	13,290'	13,356'	66'	SQUEEZED	4
7/19/1996	13,350'	13,370'	20'	SQUEEZED	4
11/8/1982	13,376'	13,450'	74'	SQUEEZED	4
7/19/1996	13,458'	13,478'	20'	SQUEEZED	4
7/19/1996	13,510'	13,530'	20'	SQUEEZED	4
11/8/1982	13,588'	13,630'	42'	SQUEEZED	4
11/8/1982	13,640'	13,760'	100'	SQUEEZED	4
9/26/1982	13,790'	13,850'	60'	SQUEEZED	4
9/26/1982	13,874'	13,932'	58'	SQUEEZED	4
11/3/1982	14,030'	14,070'	40'	SQUEEZED	4
11/3/1982	14,100'	14,140'	40'	SQUEEZED	4

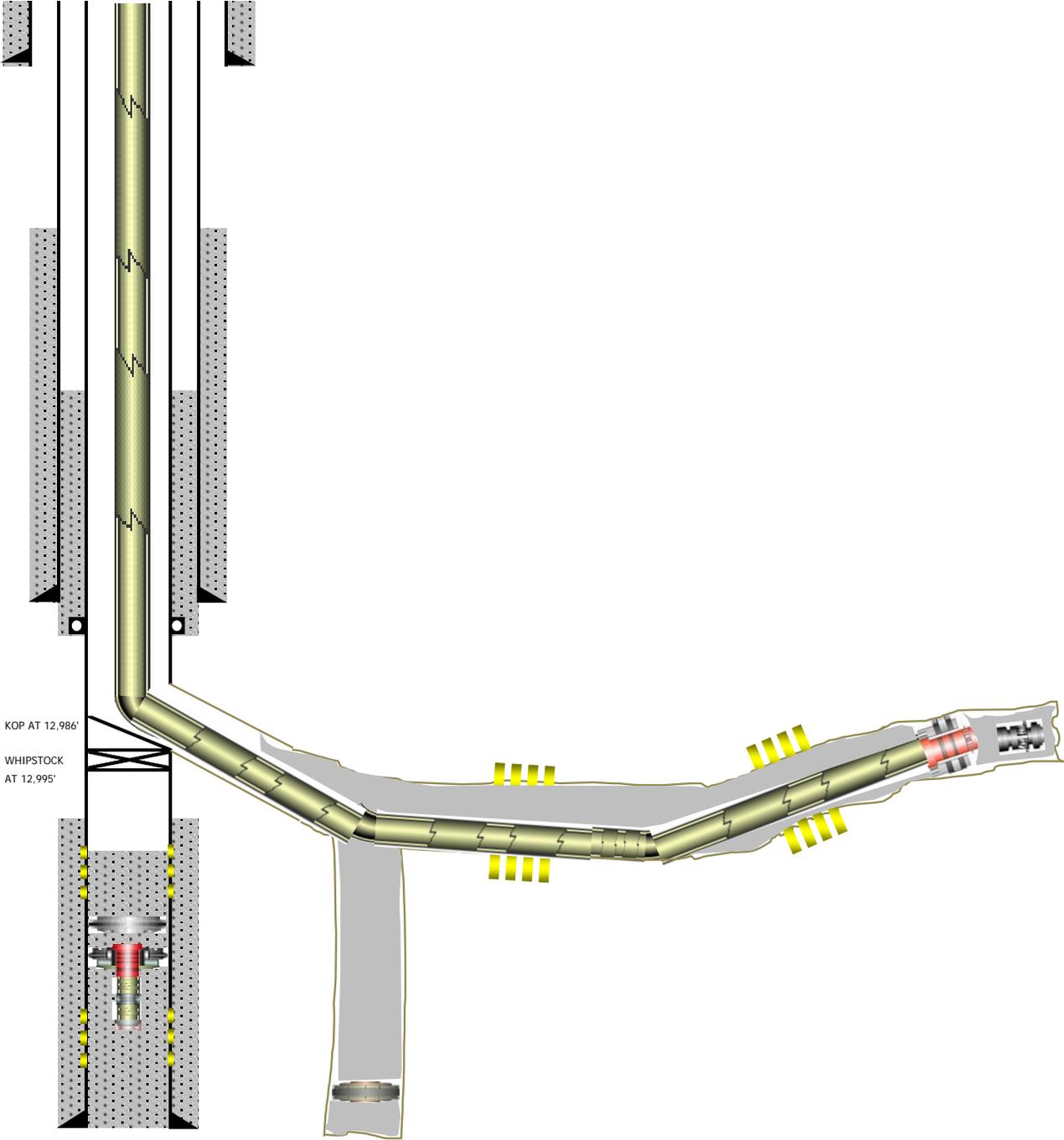
FORMATION TOPS

ASPEN	5,315'
BEAR RIVER	5,785'
GANNET	6,695'
PREUSS	10,025'
TOP SALT	11,080'
BASE SALT	
TWIN CREEK	11,500'
WATTON CANYON	
BOUNDRY RIDGE	
RICH	
SLIDE ROCK	
GYPSUM SPRINGS	
NUGGET	12,998'

NOTES: SIDETRACK 5-7/8" HOLE. SEE AMOCO WBD FIGURE FOR ADDITIONAL DETAILS. REQUESTED APPROVAL IN EARLY 2000 TO PERFORATE 13,050' - 13,200'. NO REPORTS OF WHETHER WORK WAS COMPLETED.



MERIT ENERGY COMPANY





MERIT ENERGY COMPANY

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

October 30, 2012

RECEIVED
NOV 01 2012
DIV OF OIL, GAS & MINING

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

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

Dear Mr. Dworshak,

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

	ARE W 31-04	API 4304330165	Sec 31-T4N-R8E
→	ARE W 31-12	API 4304330190	Sec 31-T4N-R8E
	ARE W 16-12	API 4304330231	Sec 16-T4N-R8E
	ARE W 17-16	API 4304330176	Sec 17-T4N-R8E

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

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

Sincerely,

MERIT ENERGY COMPANY

Arlene Valliquette
North Division Regulatory Manager

Enclosure

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

PROBABLE REACTIVATIONS; POSSIBLE P&A'S

Well Name: ARE W 20-09

API: 43-043-30286

Summit County, Utah

Perfs: 11,742' – 13,821'

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

Well Name: ARE W 20-06

API: 43-043-30159

Summit County, Utah

Perfs: 13,008' – 13,860'

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

Well Name: ARE W 20-08

API: 43-043-30123

Summit County, Utah

Perfs: 11,900' – 12,647' (OA)

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

Well Name: ARE W 20-12

API: 43-043-30220

Summit County, Utah

Perfs: 12,928' – 13,117'

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

PROBABLE P&A'S

Well Name: ARE W 16-14

API: 43-043-30096

Summit County, Utah

Perfs: 12,816' – 13,515'

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

Well Name: ARE E 21-14

API: 43-043-30130

Summit County, Utah

Perfs: 10,880' – 11,650'

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



rig 24s daily report 1-6-13

Darie Roehm <darieroehm@yahoo.com>

Sun, Jan 6, 2013 at 5:36 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lshacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-6-13	ARE W31-04 & ARE W31-12 <i>New</i>

SUMMARY

*43-043-30190 Location
Sec. 31, T 4N, R 8E
Summit County, Ut.*

6:00-Crew travel-JSA meeting
 7:00-Rig down-start moving equipment to new location-try to dig out around well (could not dig it all out cause of cement)
 11:30-Spot in-Rig up-blow down well-finish moving equipment to location
 4:00-Shut wells in-clean up both locations-secure rig
 4:30-Crew travel
 5:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	11.5	Yes
Tommy Obrian	11.5	Yes
Berry Knoke	11.5	Yes
Jason Grassord	11.5	Yes
Ty Hurt	11.5	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go 1/2 mile turn right at the y-go to the next y and take a left down the hill-



rig 24s daily report 1-7-13

Darie Roehm <darieroehm@yahoo.com>

Tue, Jan 8, 2013 at 6:58 AM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwvs@gmail.com>, Ryan <rludwar@magnaes.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>, Randy Sanders <randy.sanders@meritenergy.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-7-13	ARE W31-12 & ARE W31-04

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-Blow down well-Nd wellhead-Nu 10K to 5K spool-Nu BOP-Ru floor-pull hanger jt out of the well-wait for trac-hoe to dig out the cement on the ARE W31-04
 * 10:00-Ru wireline-RIH with a 3.5" gauge ringto 12760'-RIH with a CICR & set @12740'Rd wireline
 3:00-Ru cement equipm-start pumping 15.9# cement (ARE W31-04)-(100' to surface in the 7" csg, 9 5/8" intermediate & the 13 3/8" surface csg {95 sacks/19 bbls})
 4:15-Cut wellhead off
 5:00-Secure both locations & rig
 6:00-Crew travel
 7:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13	Yes
Tommy Obrian	13	Yes
Berry Knoke	13	Yes
Jason Grassord	13	Yes
Ty Hurt	13	yes



rig 24s daily report 1-8-13

Darie Roehm <darieroehm@yahoo.com>

Tue, Jan 8, 2013 at 9:21 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-8-13	ARE W 31-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-RIH with stinger on bottom of tbg-tag CICR @12770'
 2:30-Shut well in-secure rig
 3:00-Clean cement out of tank
 6:00-Secure locations
 6:30-Crew travel
 7:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13.5	Yes
Tommy Obrian	14	Yes
Berry Knoke	13.5	Yes
Jason Grassord	13.5	Yes
Ty Hurt	13.5	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-



rig 24s daily report 1-9-13

Darie Roehm <darieroehm@yahoo.com>

Wed, Jan 9, 2013 at 9:27 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lshacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-9-13	ARE W31-04/ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Ru cement equip.-top off surface plug on the ARE W31-04 with 87 sacks/17.4 bbls

9:00-Weld cap & marker on well-move equip. to new location

11:30-Get circulation on the ARE W31-12-sting into CICR and get a injection rate of 3 bbls a min. @400 psi

12:30-Ru cement equip.-Start pumping 15.9# cmt (1 bbl FW ahead-110 sacks/22 bbls cmt-1 bbl FW behind-46 bbl disp. {leaving 97.5 sacks/19.5 bbls below CICR}-sting out-disp. 1.5 bbls {leaving 12.5 sacks/2.5 bbls on top CICR})

2:20-Lay down 88 jts and stand back 157 stands

6:20-Shut well in-drain equip.-secure rig & location

7:00-Crew travel

8:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	14.5	Yes
Tommy Obrian	14.5	Yes
Berry Knoke	14.5	Yes
Jason Grassord	14.5	Yes
Ty Hurt	14.5	yes



rig 24s daily report 1-10-13

Darie Roehm <darieroehm@yahoo.com>

Fri, Jan 11, 2013 at 6:33 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-10-13	ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Ru wireline-RIH with perf gun & shoot 4 holes @10030'-RIH with 3.5" CICR & set @10000'-Rd wireline

10:35-RIH with stinger on bottom of tbg-got 80 stands in

12:00-Shut well in-secure rig & location

12:30-Crew travel

8:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13	Yes
Tommy Obrian	14	Yes
Berry Knoke	14	Yes
Jason Grassord	14	Yes
Ty Hurt	14	yes

NOTES

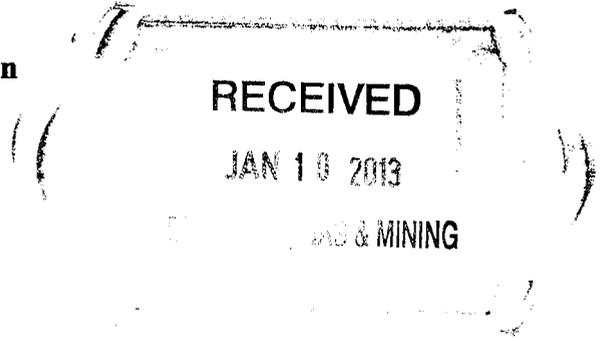
Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-

ARE W31-12
Sec. 31-T4N-R8E
Summit County, Utah
API #43-043-30190
4/18/2012

Plug & Abandon

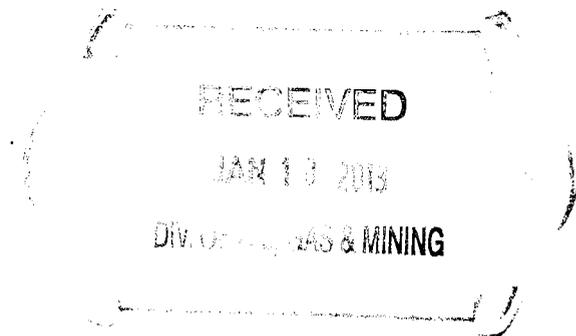
Well Data

Tubing: no tbg
Production Casing: mixed csg, see WBD for detail
TD: 14,378'
PBSD: 13,202' (CIBP)
Elevation: 7,887' KB 7,865' GL



1. Test anchors. MIRU PU.
2. ND WH and NU BOP.
3. RIH w/ cement retainer and set @ 12,700'.
4. PU 2-7/8" WS, sting into retainer, and pump 100 sxs cmt below and 10 sxs on top.
5. Perf csg @ 10,030'. RIH w/ cmt retainer and set @ 10,000'. Pmp 25 sxs cmt below the retainer and 25 sxs on top.
6. Mud up and then pump a cmt stabilizer plug w/ 25 sxs from 7,000' – 6,900'.
7. Mud up and then pump a cmt stabilizer plug w/ 25 sxs from 3,900' – 3,800'.
8. Perf csg @ 2,850'. RIH w/ cmt retainer and set @ 2,830'. Pmp 25 sxs cmt below the retainer and 25 sxs on top.
9. Spot 100' plug 100' to surface with 25 sxs cmt.
10. Abandon well. Cut off WH and csg. Weld on cap. RDMOL. Clean and reclaim location.

ARE W 31-12
Sec. 31-T4N-R8E
Summit County, Utah
API #43-043-30190
4/4/2011



ARE W 31-12 was spud in February 1982 and brought online as a Nugget producer. The 31-12 IP'd @ 1,494 bopd, 5,329 mcfpd, and 37 bwpd. The ARE W 31-12 cummed 5.1 MMBO, 56 BCF, and 24 MBW. Several zones were perf'd, acidized, produced, and then abandoned from 1982 to 1993 due to high water volumes. In 1993, the 31-12 was converted to an injection well for a short time. In 1996, an attempt was made to return the well to production. Sand and CIBPs were used to help isolate water production but all attempts proved unsuccessful. Several tbgs sizes were used to help keep the well unloaded – 4-1/2", 3-1/2", & 2-3/8" but did not help. A pulsed neutron log and cement mapping tool confirmed the lack of remaining hydrocarbon potential and helped explain the reasons for unsuccessful water shut off attempts. Poor cement quality allowed communication behind pipe and water channeled into open perforations. The ARE W 31-12 is relatively low on structure and would not prove to be the most beneficial reactivation candidate. With all of the combined pieces of information, the ARE W 31-12 should be plugged.

The ARE W 31-12 is currently SI and on the State of Utah plug or produce list. The ARE W 31-12 does not have any additional zones of interest and should be plugged and abandoned.

**Well doesn't have any tbgs in the hole.



rig 24s daily report 1-15-13

Darie Roehm <darieroehm@yahoo.com>

Tue, Jan 15, 2013 at 10:02 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-15-13	ARE W31-12

SUMMARY

5:00-Crew travel
 11:00-Pick up rig cloths & propane-drive to location-JSA meeting
 1:00-Start equip.-RIH tag CICR @10030' (15' in on jt 315)
 3:00-Space out-shut well in-secure rig & location-help put the pump motor together
 5:30-Crew travel
 6:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13.5	Yes
Tommy Obrian	11.5	Yes
Berry Knoke	14.5	Yes
Jason Grassord	13.5	Yes
Ty Hurt	13.5	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-



rig 24s daily report 1-16-13

Darie Roehm <darieroehm@yahoo.com>

Wed, Jan 16, 2013 at 8:39 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwvs@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-16-13	ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Finish installing motor on pump-prep cement equipment

1:15-Get injection rate (pressured up to 1500 psi/no injection)

2:15-Start pumping 15.9# cement (1 bbl FW ahead-25 sacks/5 bbls cmt-1 bbl FW behind-37 bbl disp. {525 sacks/5 bbls on top CICR-TOC 9792'})

3:15-Lay down 10 jts-fix pump-reverse circ. Tbg clean (47 bbls)

4:10-Pump 35 bbls of 9# mud (disp. 34 bbls)-(Mud 9693' to 8735')

4:50-Lay down 33 jts

5:20-Shut well in-drain equip.-secure rig & location

6:00-Crew travel

7:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13.5	Yes
Tommy Obrian	13	Yes
Berry Knoke	13	Yes
Jason Grassord	13.5	Yes
Ty Hurt	13	yes

NOTES



rig 24s daily report 1-17-13

Darie Roehm <darieroehm@yahoo.com>

Thu, Jan 17, 2013 at 9:07 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-17-13	ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-Prep cement equip.
 7:45-Start pumping 15.9# cmt (1 bbl FW ahead-25 sacks/5 bbls cmt-1 bbl FW behind-32 bbls disp.{8622' to 8488'})
 8:25-Lay down 7 jts-reverse circ tbg clean (42 bbls)
 9:10-Pull 5 stands & wait 4 hours
 1:00-RIH tag cmt @8500'-lay down 5 jts
 1:30-Pump-102 bbls of 9# mud (8390'-5635')
 2:40-Lay down 89 jts-stand back 87 stands
 5:00-Ru wireline-RIH with 6.07 gauge ring to 5600'
 6:00-Shut well in-drain equipment-secure rig & location
 6:30-Crew travel
 7:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13.5	Yes
Tommy Obrian	13.5	Yes
Berry Knoke	13.5	Yes
Jason Grassord	13.5	Yes
Ty Hurt	13.5	yes



rig 24s daily report 1-18-13

Darie Roehm <darieroehm@yahoo.com>

Fri, Jan 18, 2013 at 9:26 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-18-13	ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Ru wireline-RIH with perf gun & shoot 4 holes @5535'-RIH with 6.0 CICR & set @5485'-RD wireline

10:00-RIH with stinger on bottom of tbg-tag CICR @5440' (13 ft in on jt 173)

11:15-Space out-get circ.-sting in and get an injection rate of 3 bbls a min @500 psi-get circ. up 9 5/8"-lunch

1:55-Ru cmt equipment

2:30-Start pumping 15.7# cement (1 bbl FW ahead-100 sacks/20 bbls cmt-1 bbl FW behind-13 bbl disp. {leaving 65 sack/13 bbls in 9 5/8"}-shut 9 5/8" valve-3.6 bbl disp. {squeezing 18 sacks/3.6 bbls into the perms}-sting out-3.5 bbl disp. {leaving 17 sacks/3.4 bbls on top CICR})

3:30-Lay down 89 jts-stand back 41 stands

5:15-Shut well in-drain equip.-secure rig & location

6:00-Crew travel

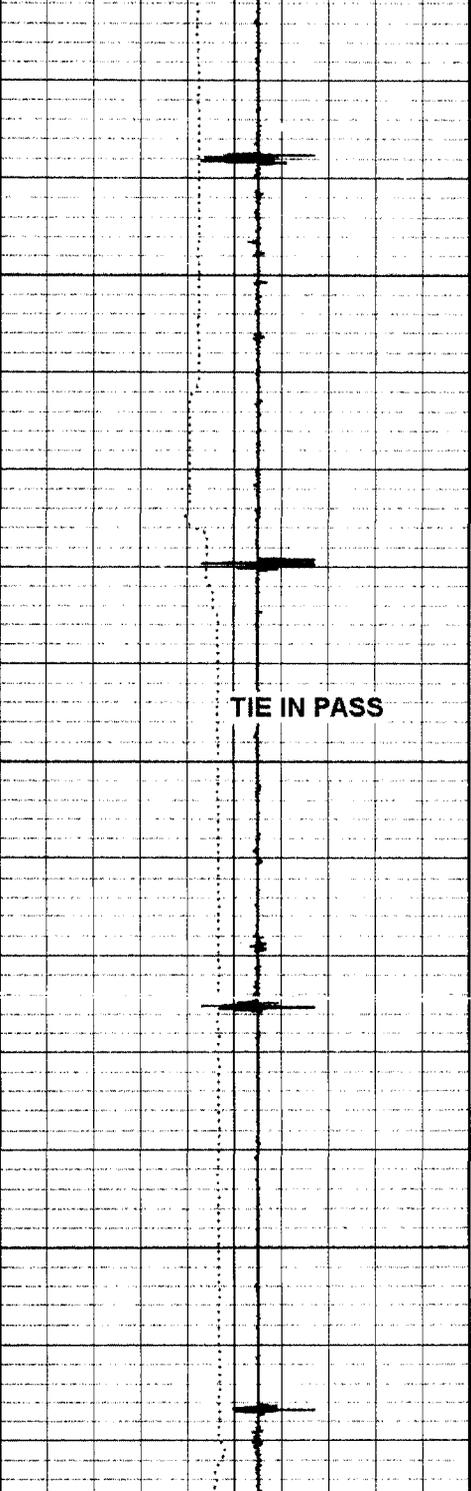
7:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	13	Yes
Tommy Obrian	13	Yes
Berry Knoke	13	Yes

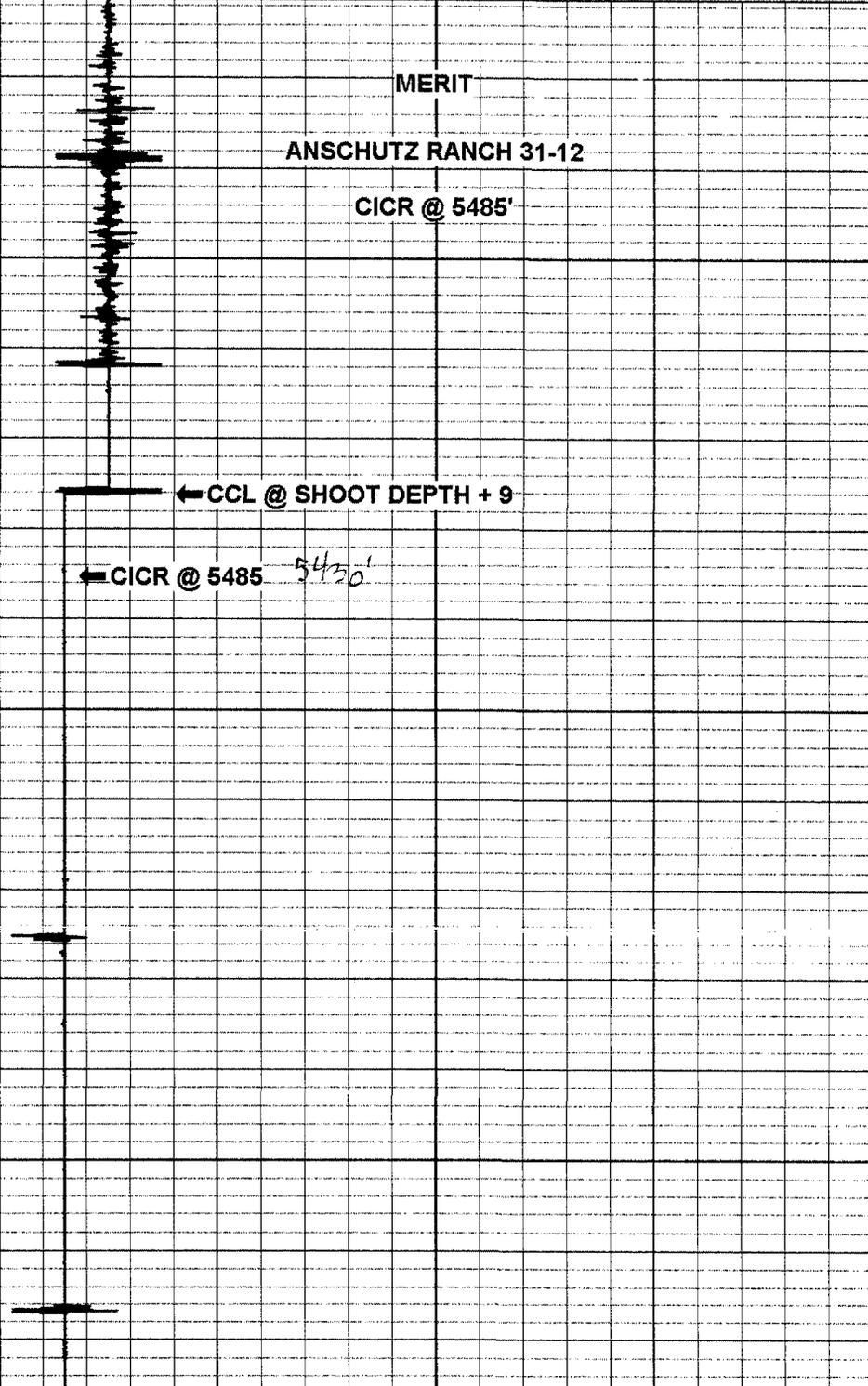
2013-01-18 09:18
Tension (lbF)
0.00 2000.00
Pass No. 17

FEET
1:240
5421.22

GUN PASS
0 100
Logging Up
ShutIn
File CICR SET 7"1.pre
W31-12
P4
100701



5450
5500
5550



2013-01-18 09:18
Tension (lbF)
0.00 2000.00
Pass No. 17

5575.72
FEET
1:240

GUN PASS
0 100
Logging Up
ShutIn
File CICR SET 7"1.pre
100701

2013-01-18 07:54

Tension (lbF)

0.00

2000.00

Pass No. 15

FEET

1:240

5337.54

GUN PASS

0

100

Logging Up
ShutIn

File GUN SHOT 2.pre

100701

5350

5400

5450

5500

5550

5600

5650

MERIT

ANSCHUTZ RANCH 31-12 ⁰¹⁴

SQUEEZE HOLES @ 5535

TIE IN PASS

← SQUEEZE HOLES @ 5535

2013-01-18 07:54

Tension (lbF)

0.00

2000.00

5679.74

GUN PASS

0

100

Logging Up
ShutIn

File GUN SHOT 2



rig 24s daily report 1-18-13

Darie Roehm <darieroehm@yahoo.com>

Sat, Jan 19, 2013 at 8:24 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-19-13	ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting
 7:00-Ru wireline-RIH with perf gun & shoot 4 holes @2650'-get injection rate of 2.5 bbls a min. @500 psi-RIH with 6.0 CICR & set @2600'-RIH with perf gun & shoot holes @100'-Rd wireline
 10:15-RIH with stinger on bottom of tbg-tag CICR @2580'
 11:00-Space out-Ru cement equipment
 11:20-Start pumping cement (1 bbl FW ahead-93 sacks/18.6 cmt-1 bbl behind-.5 bbls disp. {50 sacks/10 bbls into 13 3/8" csg}-3.6 bbls disp. {18 sacks/3.6 bbls into 9 5/8"}-sting out-4.5 bbls disp. {25 sacks/5 bbls on top CICR})
 12:10-Lay down all tbg on float
 1:10-Rd floor-Nd BOP-Nu wellhead
 2:30-Rig down-move equipment away from well-start digging out around well
 5:00-Secure well & location
 5:30-Crew travel
 6:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	12.5	Yes
Tommy Obrian	12.5	Yes
Berry Knoke	12.5	Yes



rig 24s daily report 1-20-13

Darie Roehm <darieroehm@yahoo.com>

Sun, Jan 20, 2013 at 9:34 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-20-13	ARE W31-12

SUMMARY

7:00-Pick up supplies-Crew travel

9:00-Try to finish digging out around well-maintenance equip.-and organize tools

12:30-Secure location (could not dig out around well, to much cement)

1:00-Crew travel

2:00

NAMES	HOURS	SUBSISTANCE
Darie Roehm	7	Yes
Tommy Obrian	7	Yes
Berry Knoke	7	Yes
Jason Grassord	7	Yes
Ty Hurt	7	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto dirt road-go ½ mile turn right at the y-go to the next y and take a left down the hill-turn right at next y & drive 2 miles-take a right at that y-drive 2 miles and take a right into the rig



rig 24s daily report 1-21-13

Darie Roehm <darieroehm@yahoo.com>

Mon, Jan 21, 2013 at 9:02 PM

Reply-To: Darie Roehm <darieroehm@yahoo.com>

To: Aron Rescon <aronrt@hotmail.com>, Amy Benton <abenton@magnaes.com>, Adam Chastain <achastainwws@gmail.com>, Ryan <rludwar@magnaes.com>, Randy Sanders <randy.sanders@meritenergy.com>, Harlin Hodge <harlinhodge@hotmail.com>, Joe Sevenski <joseph.sevenski@meritenergy.com>, Kathy <dkama@kci.net>, Lisha Cordova <lishacordova@utah.gov>, Mel Wren <mel.wren@meritenergy.com>, Beth Vannest <bvannest@magnaes.com>, Chad Vannest <chadvannest@hotmail.com>

MAGNA ENERGY SERVICE RIG 24

DATE	LOCATION
1-21-13	ARE W31-12

SUMMARY

6:00-Crew travel-JSA meeting

7:00-Finish digging out around the well with Track Hoe

12:00-Ru cmt equipment-Start pumping 15.9# cement (68 sacks/13.6 bbls cmt in the 13 3/8", 9 5/8" and 7" csg-100' to surface)

1:40-Cut & drop csg-cut wellhead off-weld cap & marker on well

5:00-Secure location & equipment

5:30-Crew travel

6:30

NAMES	HOURS	SUBSISTANCE
Darie Roehm	12.5	Yes
Tommy Obrian	12.5	Yes
Berry Knoke	12.5	Yes
Jason Grassord	12.5	Yes
Ty Hurt	12.5	yes

NOTES

Head south out of Evanston on county rd 151 20 miles (stay on the pavement all the way to the Marit Energy gas plant)-go past old guard shack and turn left onto

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	8. WELL NAME and NUMBER: ARE W31-12
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	9. API NUMBER: 43043301900000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778 FNL 0640 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 31 Township: 04.0N Range: 08.0E Meridian: S	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
	COUNTY: SUMMIT
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Merit Energy Company plugged the ARE 31-12 from 1/7/2013 - 1/21/2013 as per the States Specifications. Magna Energy Services Job Log is attached detailing the plugging process.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 March 26, 2013**

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/26/2013	

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

Job Log

1/7/2013 - 1/21/2013

Date: 1/21/2013
Operator: Merit Energy
Well name: ARE 31-12
Legal Location: Section 31- T4N-R8E
Location: Summit County, UT
AFE #:031724

MIRU, Blow well pressure down, NDWH, NUBOP, RU wireline, TIH with a gauge ring to 12,760', TOH
PU CICR, TIH and set CICR at 12,770', TOH and RD wireline, TIH with CICR stinger to 12,770'
Sting into CICR, Established injection rate of 3bbl./min, Pumped 97.5 sxs under CICR
Sting out and pumped 12.5 sxs on top of CICR, TOH, RU wireline, TIH and perf at 10,030', TOH
PU CICR, TIH and set CICR at 10,000', TOH and RD wireline
TIH with stinger to 10,000', Could not establish injection rate, Pumped 25 sxs of cement on top of CICR
TOH and reverse circulate tubing clean, Pumped 35 bbl. of 9# mud, TOH to 8,622'
Pumped 25 sxs of cement, TOH and reverse circulate, WOC, TIH and tag TOC at 8,500', TOH to 8,390'
Pumped 102 bbl. of 9# mud, TOH, RU wireline, TIH with gauge ring to 5,600', TOH
TIH and perf casing at 5,535', TOH, PU CICR, TIH and set CICR at 5,485', TOH and RD wireline
TIH with stinger, Sting into CICR, Establish injection rate of 3bbl./min
Pumped 83 sxs of cement under (65 in 9-5/8" and 18 in perfs) Stung out, Pumped 17 sxs of cement on top
TOH, RU wireline, TIH and perf at 2,650', Established injection rate of 2.5 bbl./min, TOH
PU CICR, TIH and set CICR at 2,600', TOH to 100' and perf casing, TOH and RD wireline
TIH with stinger to CICR, Sting into CICR, Pumped 68 sxs of cement (50 sxs into 13-3/8", 18 sxs into 9-5/8")
Sting out of CICR, Pumped 25 sxs of cement on top of CICR, TOH, NDBOP, NDWH
Dig out wellhead and casing, Pumped 68 sxs of cement to surface of casing and annulus
Cut off wellhead, Welded information cap onto casing, Backfilled pit
RDMO

All cement pumped was 15.8# Class "G" Neat with a yield of 1.15

Cementing contractor: Magna Energy Services, LLC
Cementing contractor supervisor: Darie Roehm
Operations supervisor: Mel Wren
Utah DNR representative: Lisha Cordova
Wireline contractor: Magna Energy Services, LLC



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2014

Certified Mail #7003 2260 0003 2358 6960

43 043 30190
31 4N 8E

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

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

Dear Ms. Valliquette:

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

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

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



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

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

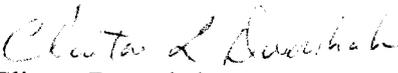
The operator is responsible to file, yearly, for extended shut-in or temporary abandonment for wells shut-in or temporarily abandoned for a period of twelve (12) consecutive months. Merit must file a Sundry Notice providing the following information for each of the twenty-five wells listed on the Compliance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

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

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

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

Sincerely,


Clinton Dworshak
Oil and Gas Compliance Manager

CLD/js
Enclosure: Compliance History

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

Sundry Number: 73243 API Well Number: 43043301900000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ARE W31-12	
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	9. API NUMBER: 43043301900000	
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext	9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1778 FNL 0640 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 31 Township: 04.0N Range: 08.0E Meridian: S	COUNTY: SUMMIT STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/22/2016	<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"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Merit Energy requests a 1 year extension for reclaiming the above referenced well. The ARE W31-05 well flows through the wells location. The piping and line heater are live, this location cannot be reclaimed without shutting in the ARE W 31-05 well.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
 DATE: 7/28/16
 BY: Lishe Cordova

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/22/2016	

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

Date: _____
By:

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/22/2016	