Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [ ] Gas Well [X] Other Single Zone [X] Multiple Zone [ ]

2. Name of Operator
AMOCO PRODUCTION COMPANY

3. Address of Operator
P. O. BOX 829, EVANSTON, WYOMING 82930

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
1645' FWL & 2393' FSL Sec. 30 NE/SW

At proposed prod. zone
2500' FWL & 2500' FNL SE/NW (200' radius circle at Nugget) Top

14. Distance in miles and direction from nearest town or post office*
South of Evanston approx. 25 miles

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name
Anschutz Ranch East

8. Farm or Lease Name
W30-06A

9. Well No.
W30-06A

10. Field and Pool, or Wildcat
✓ Anschutz Ranch EAST

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 30, T4N, R8E

12. County or Parrish 13. State
Summit County Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 2500'

16. No. of acres in lease

17. No. of acres assigned to this well 160

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 1550'

19. Proposed depth 14,570' Nugget

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7876' Ungraded GR

22. Approx. date work will start*

23.
PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94	200'	To surface
17 1/2"	13 3/8"	61,68	5625'	To surface
12 1/4"	9 5/8"x10 5/8"	47,53.5,102	11890'	TD - 10500'
8 1/2"	7"	32	14570'	TD - 10500

RECEIVED
JUN 17 1985
DIVISION OF OIL GAS & MINING

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/24/85
BY: John R. Baza
WELL SPACING: A-3 Unit Well

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

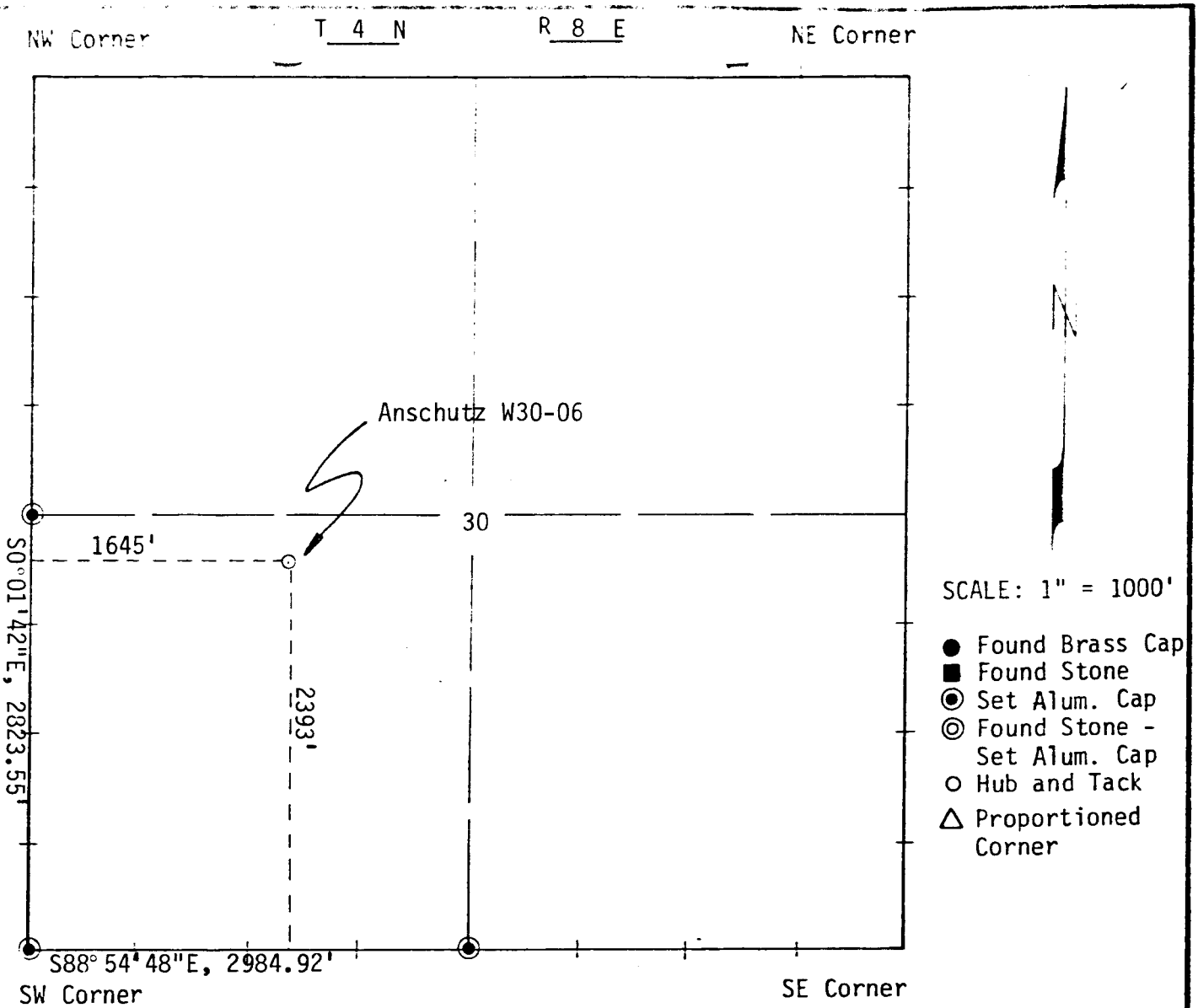
24.
Signed R B Blevins Title District Drilling Engineer Date 6/11/85

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit, of Evanston, Wyoming certify that in accordance with a request from John Eckhart of Amoco Production Co. for _____ I made a survey on the 3rd day of June, 1985 for Location and Elevation of the Anschutz W30-06 well as shown on the above map, the wellsite is in the NE¼ SW¼ of Section 30, Township 4 North, Range 8 East of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7876 Feet to top of hub Datum Mean Sea Level based on 3-Dimensional Control Network tied to USC & GS Benchmarks

Reference point _____

Reference point _____

Reference point _____

Reference point _____

JOHN A. PROFFIT Registered 2860 Land Surveyor STATE OF UTAH

John A. Proffit 6/4/85

JOHN A. PROFFIT, UTAH R.L.S. NO. 2860

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

BOOK: 443
DATE: June 4, 1985
JOB NO.: 85-10-29

10-Point Drilling Program

AN W30-06A

1) Geologic name of the surface formation: Wasatch

2) Estimated tops of geological markers:

Formation	Depth
Frontier	3,650'
Aspen	5,525'
Bear River	5,875'
Gannet	7,190'
Preuss	10,150'
Salt	11,200'
Twin Creek	11,790'
Nugget*	13,650'
Total Depth	14,570'

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

Substances	Depth
Oil Gas, Water	13,650'

4) Casing Program:

Hole Size	Casing	Wt/Ft	Grade	Threads	Cementing Depth
26"	20"	94	K55	STC	200'
17 1/2"	13 3/8"	61,68	S80	STC	5625'
12 1/4"	9 5/8"	47,53.5,102	H95-P110	LTC & X-Line	11890'
8 1/2"	7"	32	N80	LTC	14570'

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

5) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. After running surface casing and prior to drilling out, the BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. BOPs will be tested every 30-day interval and after every string of casing is run. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report

6) Mud Program:

Interval	Type Mud	Wt #/gal	Viscosity	WL CC/30M
0-5625'	Spud Mud	Minimum weight and viscosity to maintain a stable well-bore		
5625'-11890'	Oil	"	"	"
11890'-14570'	LSND	8.6-8.7		

7) Auxiliary Equipment:

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

8) Testing Program:

DST None

Logging Program:

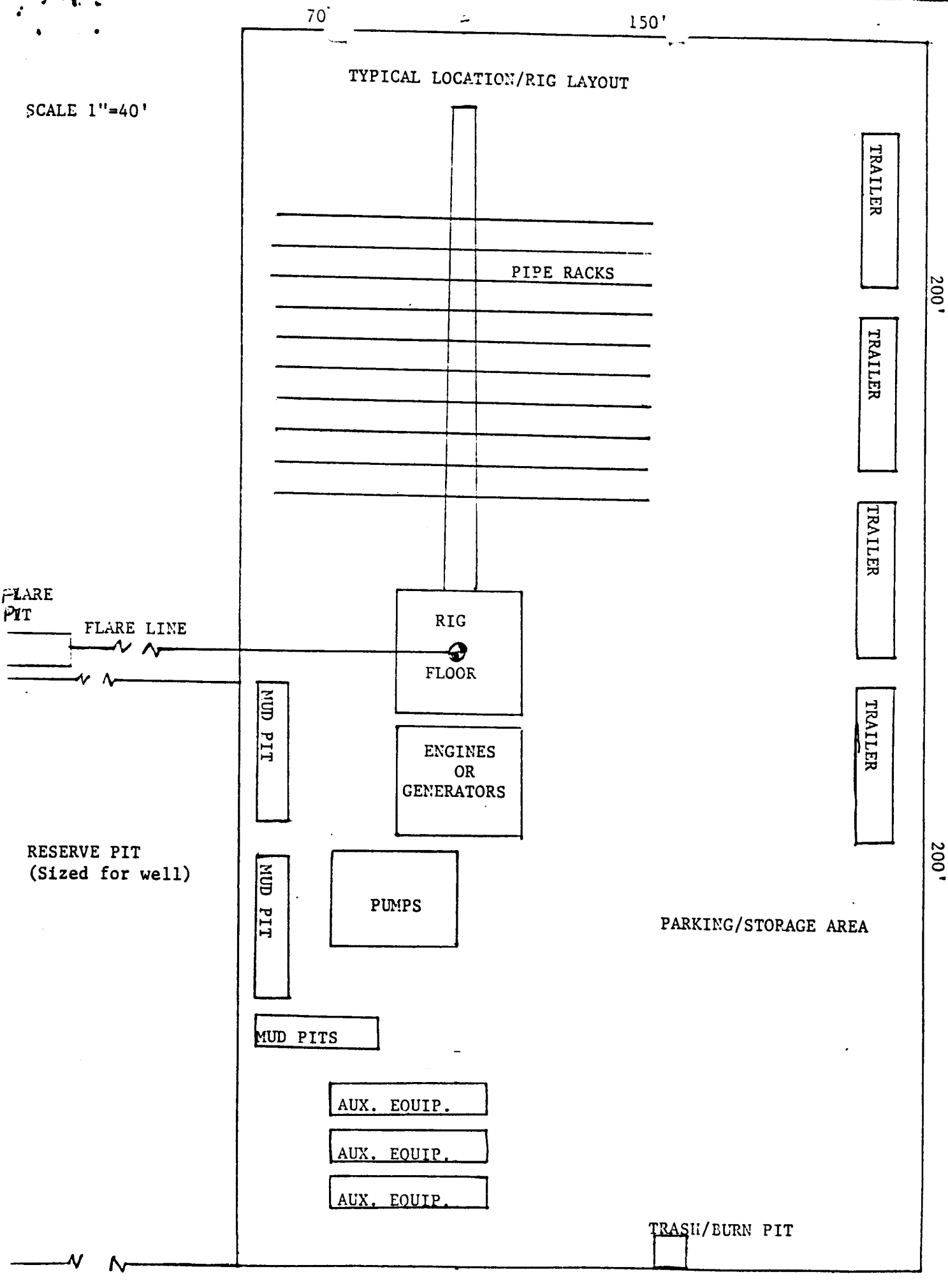
DIL-GR	Base of surface casing to TD
Long Spaced Sonic-GR	Base of surface casing to TD
FDC-CNL-GR-Cal	Top of Nugget to TD
HDT Dipmeter(SHDT in 17 1/2")	Base of surface casing to TD

Coring Program:

None Planned

9) No abnormal pressures or temperatures are anticipated.

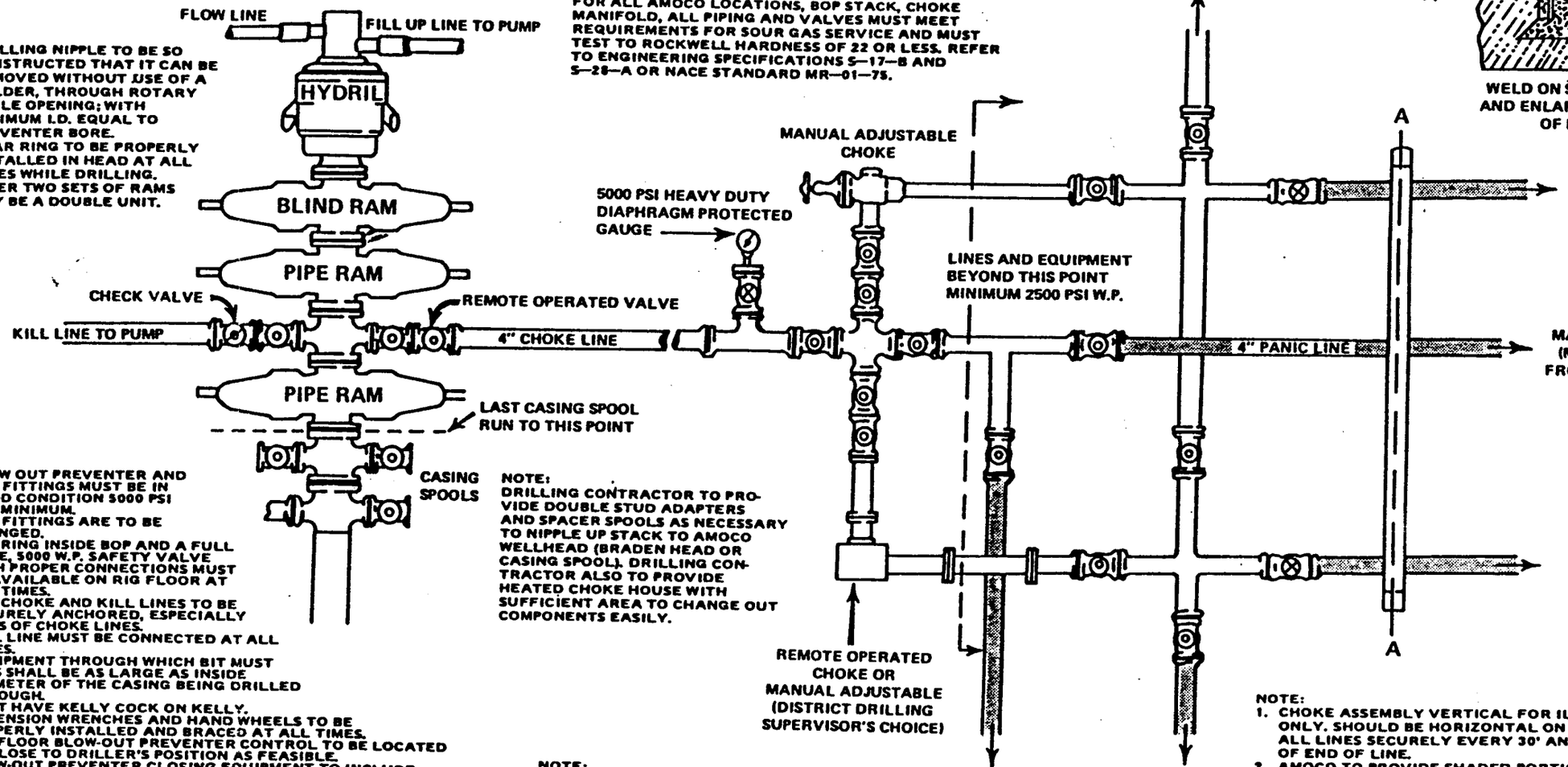
10) Anticipated starting date will be when approved and the duration of drilling operations will be approximately 150 days.


70'
150'
TYPICAL LOCATION/RIG LAYOUT
SCALE 1"=40'
TRAILER
TRAILER
TRAILER
TRAILER
PIPE RACKS
200'
200'
FLARE PIT
FLARE LINE
RIG
FLOOR
MUD PIT
ENGINES OR GENERATORS
RESERVE PIT (Sized for well)
MUD PIT
PUMPS
PARKING/STORAGE AREA
MUD PITS
AUX. EQUIP.
AUX. EQUIP.
AUX. EQUIP.
TRASH/BURN PIT

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

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

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



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

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

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

NOTE:
1. CHOKE ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. ANCHOR ALL LINES SECURELY EVERY 30' AND WITHIN 3' OF END OF LINE.
2. AMOCO TO PROVIDE SHADED PORTIONS OF FLARE LINES. DRILLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING REMAINING LINES AND VALVES.

OPERATOR Amoco Production Co. DATE 6-18-85

WELL NAME Anschutz Ranch East Unit W30-06A

(Surf) SEC NE SW 30 T 4N R 8E COUNTY Summit

(BHL) SE NW 30

43-043-30273	Fee
API NUMBER	TYPE OF LEASE

CHECK OFF:

- [✓] PLAT
- [✓] BOND
- [✓] NEAREST WELL
- [✓] LEASE
- [✓] FIELD
- [✓] POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit Well

Need Water permit

APPROVAL LETTER:

SPACING: [✓] A-3 Anschutz Ranch East UNIT [ ] c-3-a CAUSE NO. & DATE

[ ] c-3-b [ ] c-3-c

STIPULATIONS:

1- Water

11/2/84
25020

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

June 24, 1985

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

Gentlemen:

Re: Well No. Anschutz Ranch East Unit W30-06A - (Surf.) NE SW Sec. 30, T. 4N, R. 8E - 2393' FSL, 1645' FWL, (BHL) SE NW Sec. 30, T. 4N, R. 8E - 2500' FNL, 2500' FWL - Summit County, Utah

Approval to drill the above-referenced gas well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

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

The API number assigned to this well is 43-043-30273.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED JUL 01 1985 DIVISION OF OIL GAS & MINING

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: P. O. BOX 829, Evanston, Wyoming 829

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NESW 1645' FWL & 2393' FSL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Anschutz Ranch East

8. FARM OR LEASE NAME: W30-06

9. WELL NO.: W30-06

10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch

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

12. COUNTY OR PARISH: Summit Co.

13. STATE: Utah

14. PERMIT NO.: 43-043-30273

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7876' Ungraded Ground

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)			[ ]

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

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

Please note that the above referenced well which was permitted as the W30-06A should be W30-06.

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

SIGNED [signature] TITLE Administrative Supervisor DATE 6/27/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 be

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

JUL 22 1985

DIVISION OF OIL GAS & MINING

1. OIL WELL [ ] GAS WELL [XX] 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: NESW 1645' FWL & 2393' FSL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Anschtuz Ranch East

8. FARM OR LEASE NAME: W30-06

9. WELL NO.: W30-06

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

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

14. PERMIT NO.: 43-043-30273

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7876' Ungraded Ground

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	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Report of Spud			[ ]
(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.) *

Please note the above referenced well was spud on 07/17/85 at 0700 hrs.

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

SIGNED [signature] TITLE Sr Drilling Eng. Supervisor DATE 7/18/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
AUG 05 1985
DIVISION OF OIL GAS & MINING

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: AMOCO PRODUCTION COMAPNY

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: NESW 1645' FWL & 2393' FSL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Anschutz Ranch East

8. FARM OR LEASE NAME: W30-06

9. WELL NO.: W30-06

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

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

12. COUNTY OR PARISH: Summit

13. STATE: UT

14. PERMIT NO.: 43-043-30273

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7871' GR

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

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

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

Date: 7/31/85

Total Depth: 4,303'

Contractor: Dixilyn Field #39

Spud Date: 7/17/85

Drilling Ahead w/17.500" Bit

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

SIGNED [signature] TITLE Sr Drilling Eng. Supervisor DATE 7/31/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 8-11-85

OIL CO.: Amoco

WELL NAME & NUMBER Anschutz Ranch East 30-6

SECTION 30

TOWNSHIP 4N

RANGE 8E

COUNTY Summit

DRILLING CONTRACTOR Dixilyn Field's #39

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Bill Nooper

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative
Utah Oil & Gas
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

#27

DELIVERY TICKET

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

№ 3293

Date 8-11-85

Operator Amoco Contractor Dixilyn Fields Rig No. 39

Ordered By Bill Nooper Lease Anchutz Ranch East Well No. 30-6

County Summitt Section 30 Township 4N Range 8E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300		3000		OK
Bottom Pipe Rams	300		3000		OK
Blind Rams	300		3000		OK
Annualar B.O.P.	300		1500		OK
Choke Manifold	300		3000		OK
Choke Line	300	5 min	3000	15 min	OK
Kill Line	300		3000		OK
Super Choke	300		3000		OK
Upper Kelly	300		3000		OK
Lower Kelly	300		3000		OK
Floor Valve	300		3000		OK
Dart Valve	300		3000		

Closing Unit Psi 3000 Closing Time of Rams 6 sec Closing Time of Hydril 19 sec

Closed Casing Head Valve Yes Set Wear Sleeve Yes

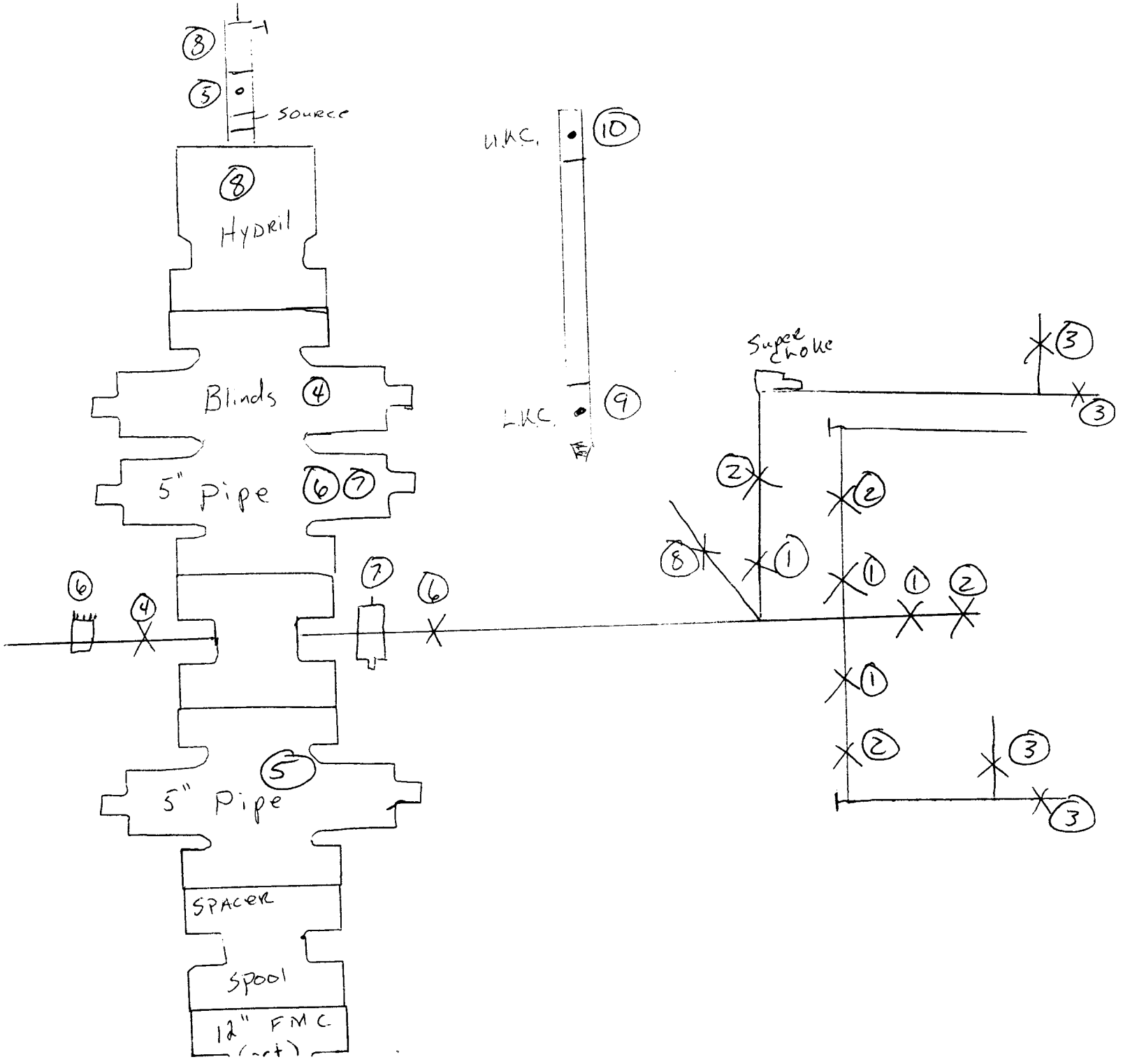
Comments Wear Ring Retrieve is on Location

4-J slot

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Amoco	Anchute Ranch East 30-6	8-11-85	Dixilyn Fields #39

ST#	TIME	
	1:45 am	Rig up to choke manifold.
1		1 set valves
	1:50-1:55	300 ok
	1:55-2:10	3000 ok
2		2nd set valves
	2:15-2:20	300 ok
	2:20-2:35	3000 ok
3		3rd set valves - superchoke open (no way to close)
	2:40-2:45	300 ok
	2:45-3:00	3000 ok
		Rig up Koomey Lines
		set plug - Fill stack with water
4		Blinds 1st Kill valve
	4:24-4:29	300 ok
	4:29-4:44	3000 ok
		Run joint
5		Lower pipes - TIW
	5:04-5:09	300 ok
	5:09-5:24	3000 ok
6		Upper pipes - TIW - check valve - 4" manual
	5:35-5:40	300 ok
	5:40-5:55	3000 ok
7		Upper pipes - Dart - check valve - NCR
	6:02-6:07	300 ok
	6:07-6:22	3000 ok
		worked Hydril
8		Hydril - Dart - upright on choke manifold - check vals
	6:46-6:51	300 ok
	6:51-7:06	1500 ok
	7:06-7:50	Pull plug - break down joint - set wear ring - picked up Kelly - made up Kelly Sub
9		Lower Kelly Cock
	7:51-7:56	300 ok
	7:56-8:11	3000 ok
10		Upper Kelly Cock
	8:15-8:20	300 ok
	8:20-8:35	3000 ok

spool up - made out ticket


8
5
Source
8
Hydril
Blinds 4
5" Pipe 6 7
6
4
7
6
5
5" Pipe
SPACER
Spool
12" FMC
U.K.C.
10
L.K.C.
9
Super choke
3
3
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1
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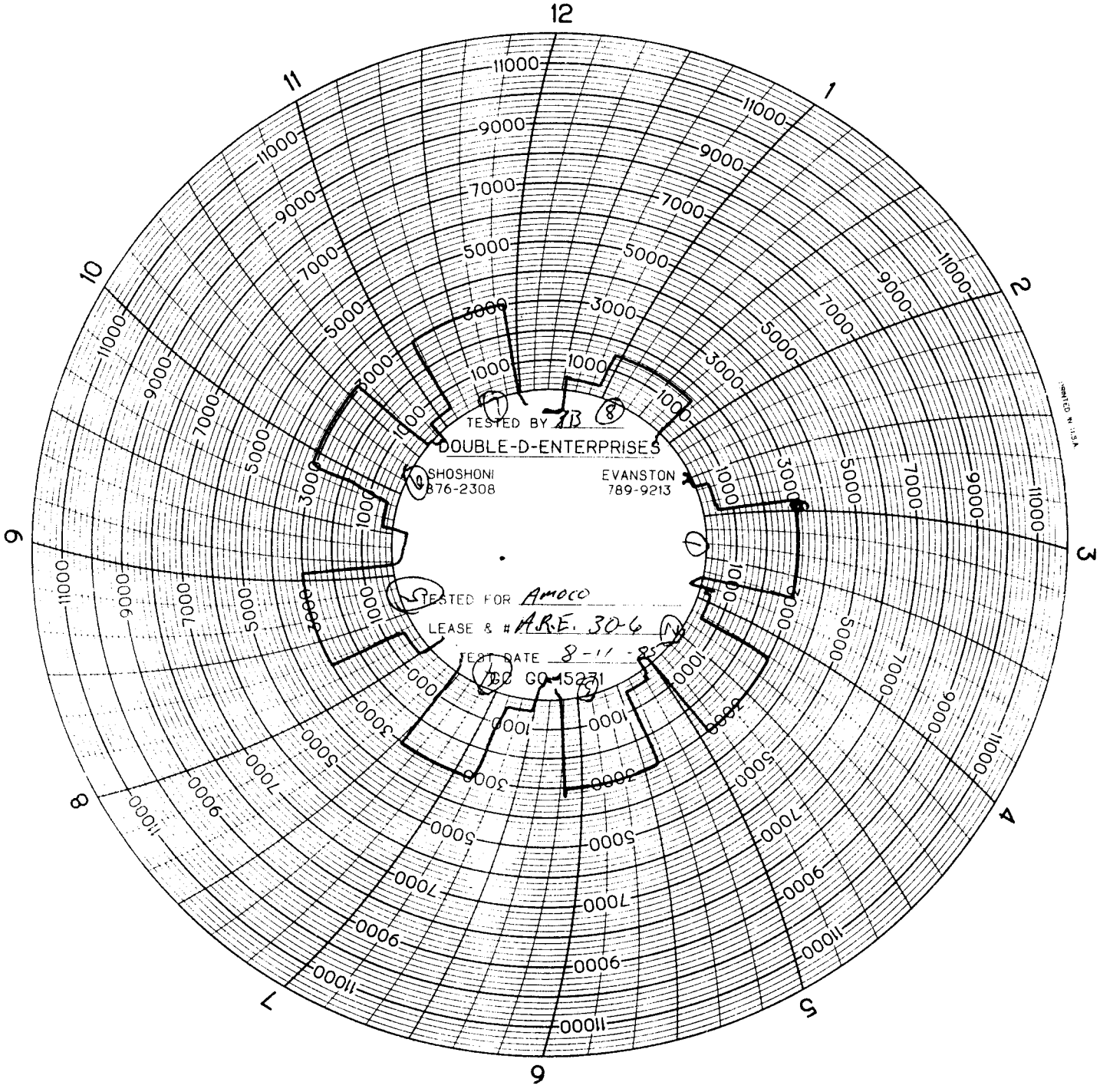
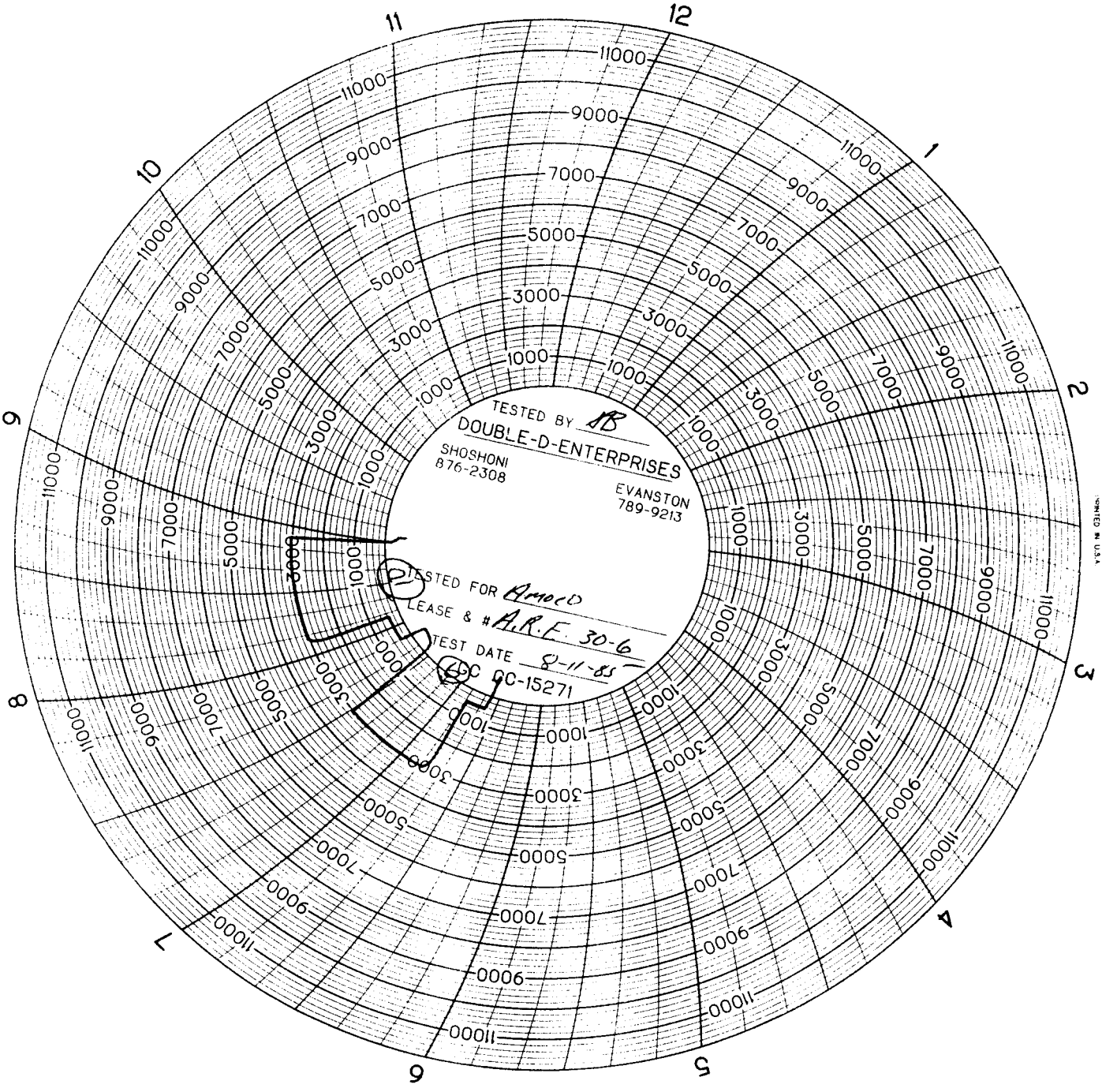
3



TESTED BY
DOUBLE-D-ENTERPRISES
SHOSHONI
876-2308
EVANSTON
789-9213
TESTED FOR Amoco
LEASE & # A.R.E. 30-6
TEST DATE 8-11-85
GC GO-15271


TESTED BY JB
DOUBLE-D-ENTERPRISES
SHOSHONI
876-2308
EVANSTON
789-9213
TESTED FOR Amoco
LEASE & # A.R.E. 30-6
TEST DATE 8-11-85
CC-15271
PRINTED IN U.S.A.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: ANSCHUTZ RANCH EAST UNIT W30-06A

SECTION: SE NW 30 TOWNSHIP 4N RANGE 8E COUNTY: Summit

DRILLING CONTRACTOR:

RIG #

BOP TEST: DATE: 8-9 or 8-10-85

TIME:

DRILLING:

CASING:

H_2S:

REPORTED BY:

TELEPHONE NO.

DATE: 8-8-85 SIGNED AS

4

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

SEP 09 1985

DIVISION OF OIL GAS & MINING

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

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

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

NESW Sec. 30, 1645' FWL & 2393' FSL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Anschutz Ranch East

8. FARM OR LEASE NAME: W30-06

9. WELL NO.: W30-06 A

10. FIELD AND POOL, OR WILDCAT: Anshcutz Ranch

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

14. PERMIT NO.: 43-043-30273

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7871' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

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

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

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

Date: 8/30/85

Total Depth: 8,006'

Contractor: Dixilyn Field #39

Spud Date: 7/17/85

Drilling Ahead: 12.250" Bit

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

SIGNED Louis T. Doggett KJ TITLE Administrative Supervisor DATE 8/30/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

SEP 30 1985

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 9-16-85

OIL CO.: Amoco

WELL NAME & NUMBER Anschutz Ranch East 30-06

SECTION 30

TOWNSHIP 4N

RANGE 8E

COUNTY Summit

DRILLING CONTRACTOR Dixilyn Field #39

INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: DOUBLE "D" ENTERPRISES, INC.
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative
Utah Oil & Gas
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3816

Date 9-16-85

Operator Amoco Contractor Fields Rig No. #39

Ordered By _____ Lease Anschutz Ranch East Well No. 30-6

County Summit Section 30 Township 4N Range 8E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300		3000		
Bottom Pipe Rams	300	4	3000	4	
Blind Rams	300		3000		
Annualar B.O.P.	300	3	500	3	
Choke Manifold	300	3	3000	3	
Choke Line	300	3	3000	3	
Kill Line	300	3	3000	3	
Super Choke	300	5	3000	7	
Upper Kelly	300	4	3000	10	
Lower Kelly	300	10	3000	10	
Floor Valve	300	6	3000		
Dart Valve	300		3000		

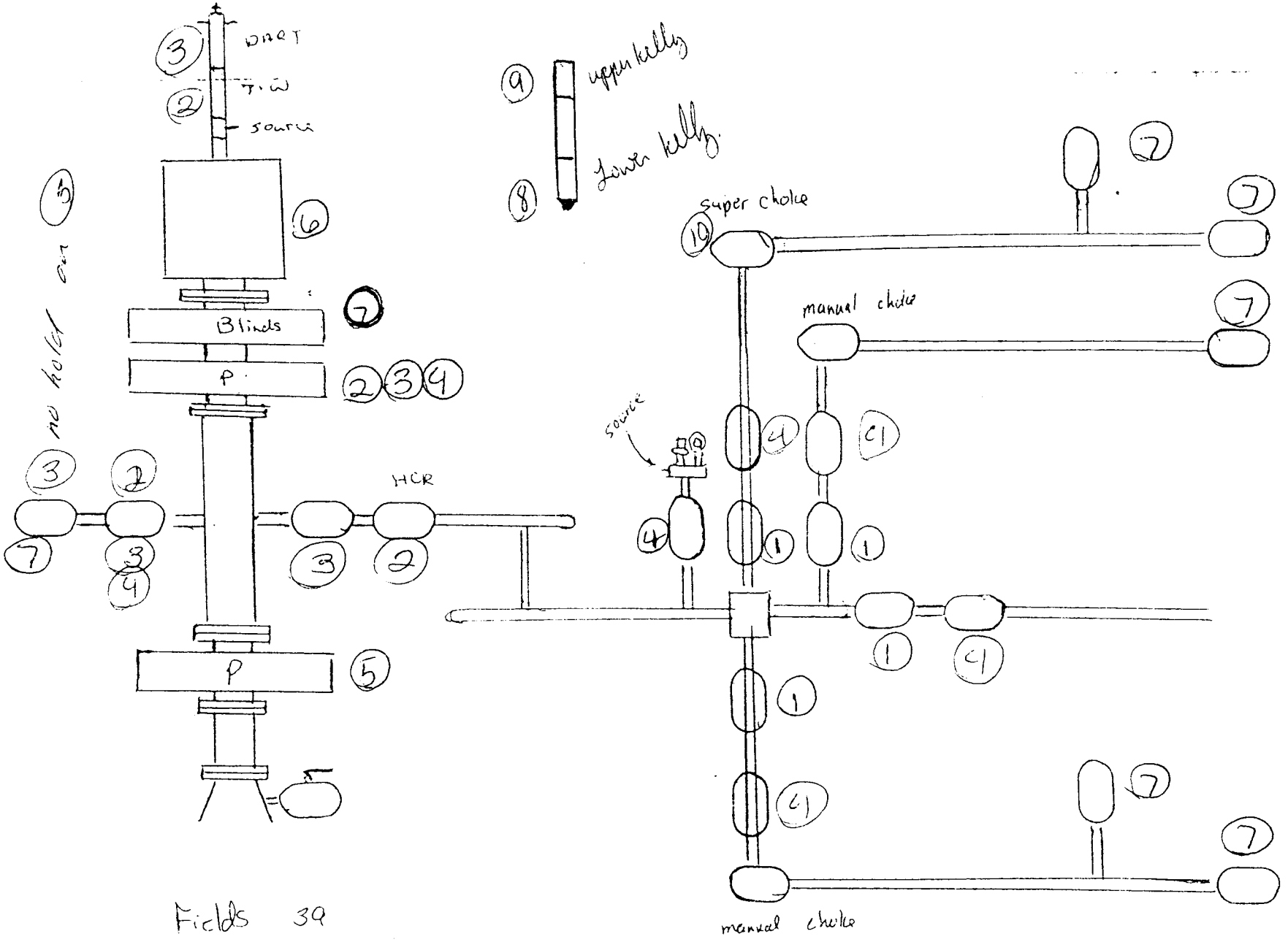
Closing Unit Psi _____ Closing Time of Rams 10 Sec Closing Time of Hydril 18 Sec

Closed Casing Head Valve yes Set Wear Sleeve yes

Comments had to clean check out and tighten one Ram door

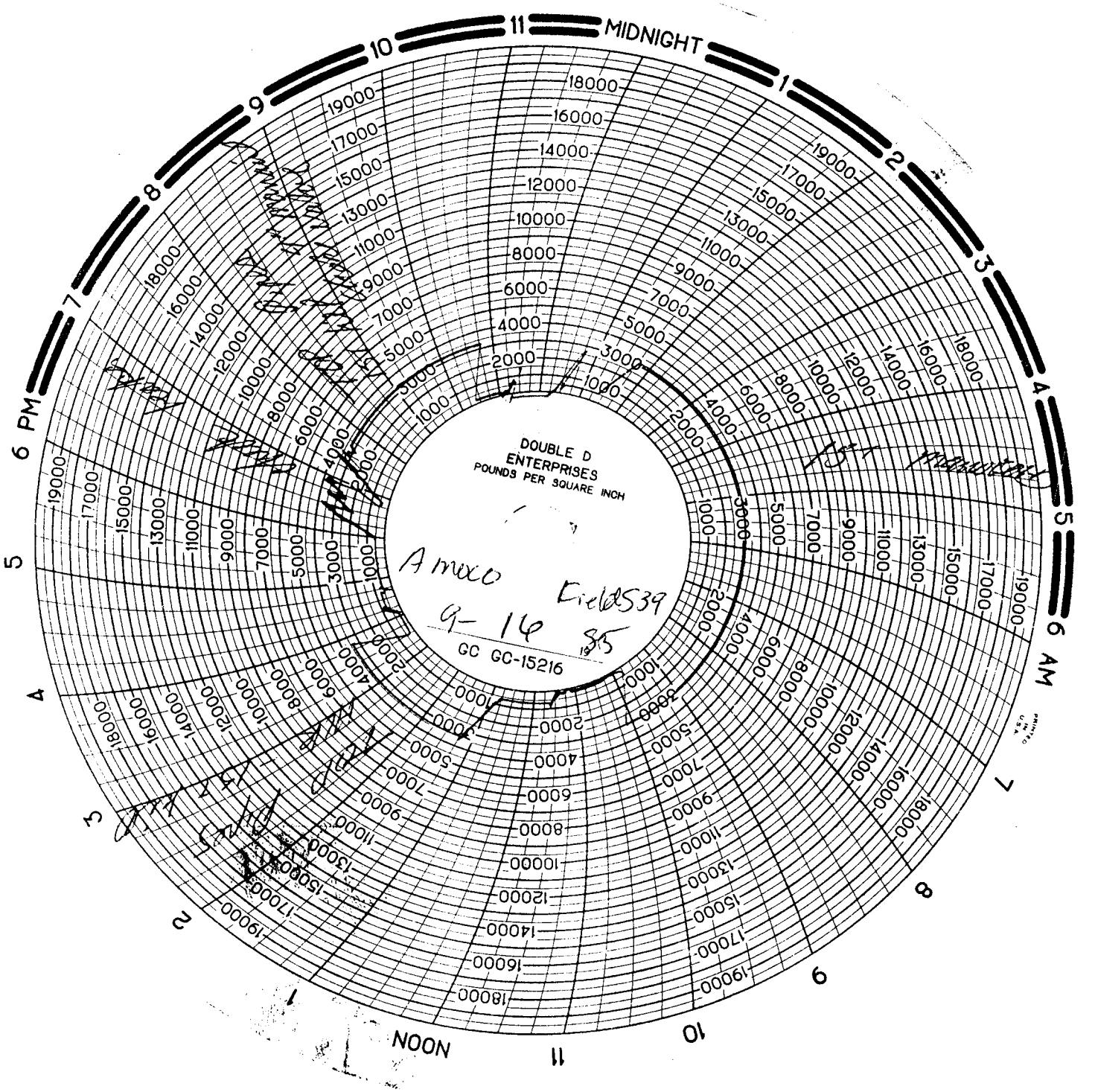
COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Amoco	Anschutz Ranch East 306	9-16-85	Fields 39

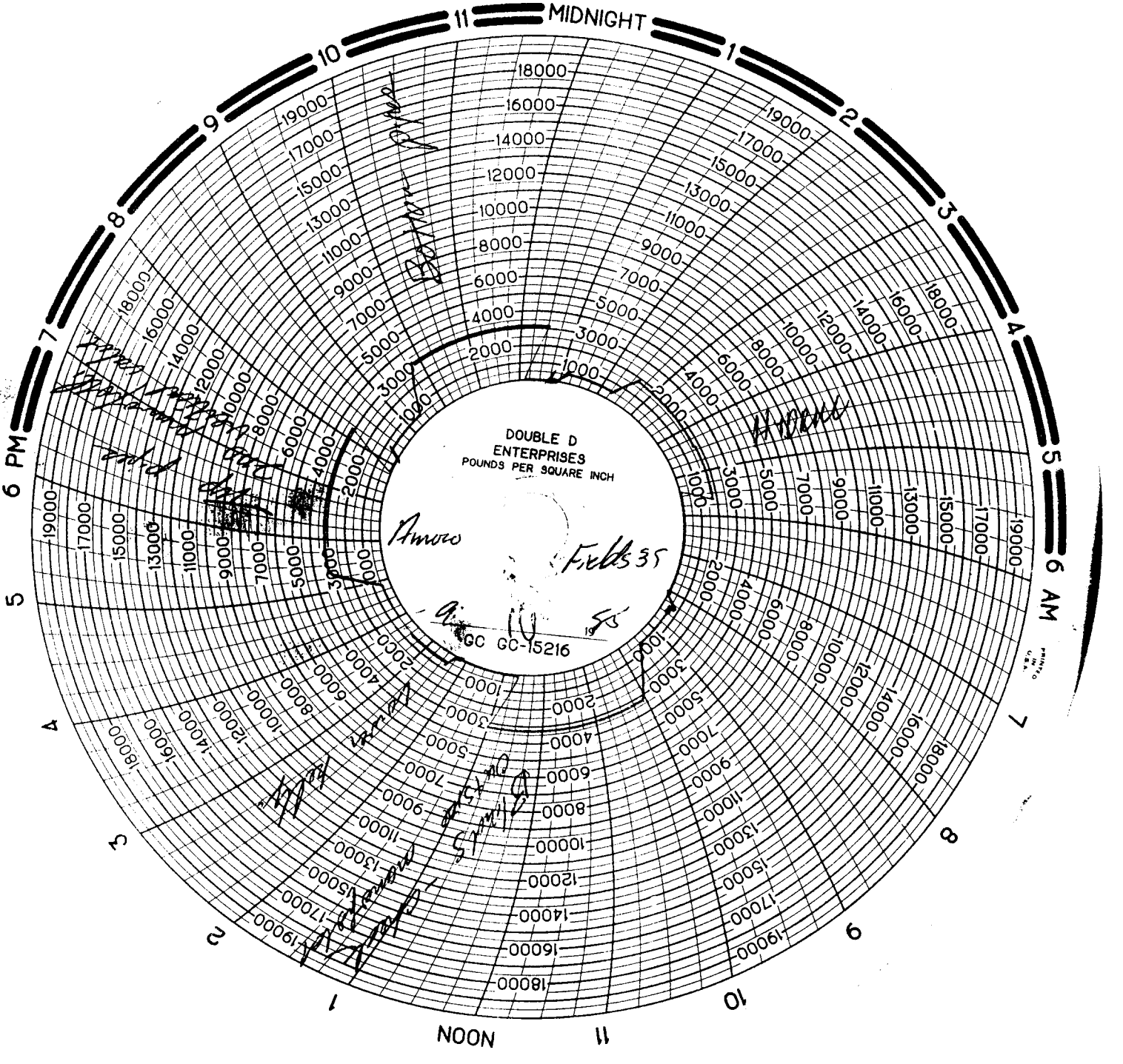
TEST#	TIME	
	12:30	LOADED TRUCK
	12:45	Left for location
	2:10	Arrived on location
	2:10 to 2:53	Rig up on Manofold get tools on Floor.
1	2:53	Low Test 1ST manofold
	2:58	High Test
		Plugged wave ring Rig up on floor set plug make up TIW + DART - ETC wave ring is hard to get off retriever - plug + retriever are hard to get threw HYDRIL
2	3:50	Low Test TOP Pipes - 1ST kill - TIW - + HCR
	3:55	High Test
3	4:20	Low Test - 4" manual - check valve DART VALVE + TOP Pipes.
	4:25	High Test Check leaks so
	4:33	I went back to first kill 4" manual - DART - TOP PIPES I'll surge check after this test again just to see if we will have to take it apart. check no hold - take apart
4	4:53	Low Test on 2ND MANOFOLD - TOP PIPES 1ST kill valve
	4:58	High Test
5	5:14	Low Test on Bottom pipes
	5:19	High Test
6	5:38	Low Test on HYDRIL
	5:44	High Test
7	6:15	Low Test on Blinds - check - outside manofold
	6:20	High Test
8	6:45	Low Test Lower kelly
	6:50	High Test
9	7:08	Lower Test Upper kelly
	7:13	High Test. kelly has a mud saver in it.
10	7:35	Low Test on super choke
	7:40	High Test.


DART
T.W
source
Blinds
P
HCR
P
upper kelly
lower kelly
super choke
manual choke
source
manual choke
no hold on

Fields 39

MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216


MIDNIGHT
NOON
6 PM
6 AM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
Amoco
Field 539
9-16
85


MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

OCT 15 1985

DIVISION OF OIL GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 10-01-85

OIL CO.: Amoco

WELL NAME & NUMBER Anschutz 30-06

SECTION 30

TOWNSHIP 4N

RANGE 8E

COUNTY Summit

DRILLING CONTRACTOR Dixilyn Field's #39

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Ben Bural

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative
Utah Oil & Gas
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P. O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

Nº 3866

Operator AMOCO Contractor DIXILYN-FIELD Rig No. 39

Ordered By BEN BURAL Lease ANSHUTZ Well No. W 30-06

DATE 10-1-85 Section 30 Township 4N Range 8E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300		5000		
Bottom Pipe Rams	300		5000		
Blind Rams	300	5	5000	5	
Annualar B.O.P.	—		2500		
Choke Manifold	300	5 MINUTES	5000	5 MINUTES	
Choke Line	300		5000		
Kill Line	300		5000		
Super Choke	—		2500		
Upper Kelly	300		5000		
Lower Kelly	300		5000		
Floor Valve	300		5000		
Dart Valve	300		5000		

Closing Unit Psi 3000 Closing Time of Rams 11 SEC. Closing Time of Hydril 22 SEC.

Closed Casing Head Valve YES Set Wear Sleeve YES

Comments FILLED CHOKE LINE & MANIFOLD W/METHANOL

P-1010 DT. 54 10-1-85

12:30A - 5:00A - ARRIVE - WAIT ON FINAL CUT & TUBING SPOOL

5:00A - 11:00 - HELP N/U

11:00 - 11:35 - RIG UP TO TEST & RIG DOWN STACK LIFTS.

11:35-11:40 - T(1) - LOW TEST ALL OUTSIDE MANIFOLD VALVS.

11:40-11:55 - T(1) - HIGH TEST "ABOVE"

12:00 - 12:35 - PICK UP JT, SET PLUG, FILL STACK

12:35 - 12:40 - T(2) - LOW TEST BLINDS, MAN. KILL VLV., ALL 2ND VLVS. IN MANIF.

12:40 - 12:55 - T(2) - HIGH TEST "ABOVE"

1:00 - 1:40 - PICK UP JT, TEST SUB, TIW, DART VLVS. & MAKE UP - STAB IN PLUG.

1:40 - 1:45 - T(3) - LOW TEST BOT. PIPES & TIW

1:45-2:00 - T(3) - HIGH TEST ABOVE

2:05-2:20 - T(4) - TEST HYDRIL 2500# & SU CHOKE

2:25 2:30 T(5) - LOW TEST T. PIPES, CHECK, DART, & ALL 1ST MANIFO. VLVS.

2:30-2:45 - T(5) - HIGH

2:45-2:50 T(6) - LOW TEST HCR

2:50-3:05 T(6) - HIGH

3:05 - 3:10 T(7) - LOW TEST MANUAL CHOKE LINE VLV.

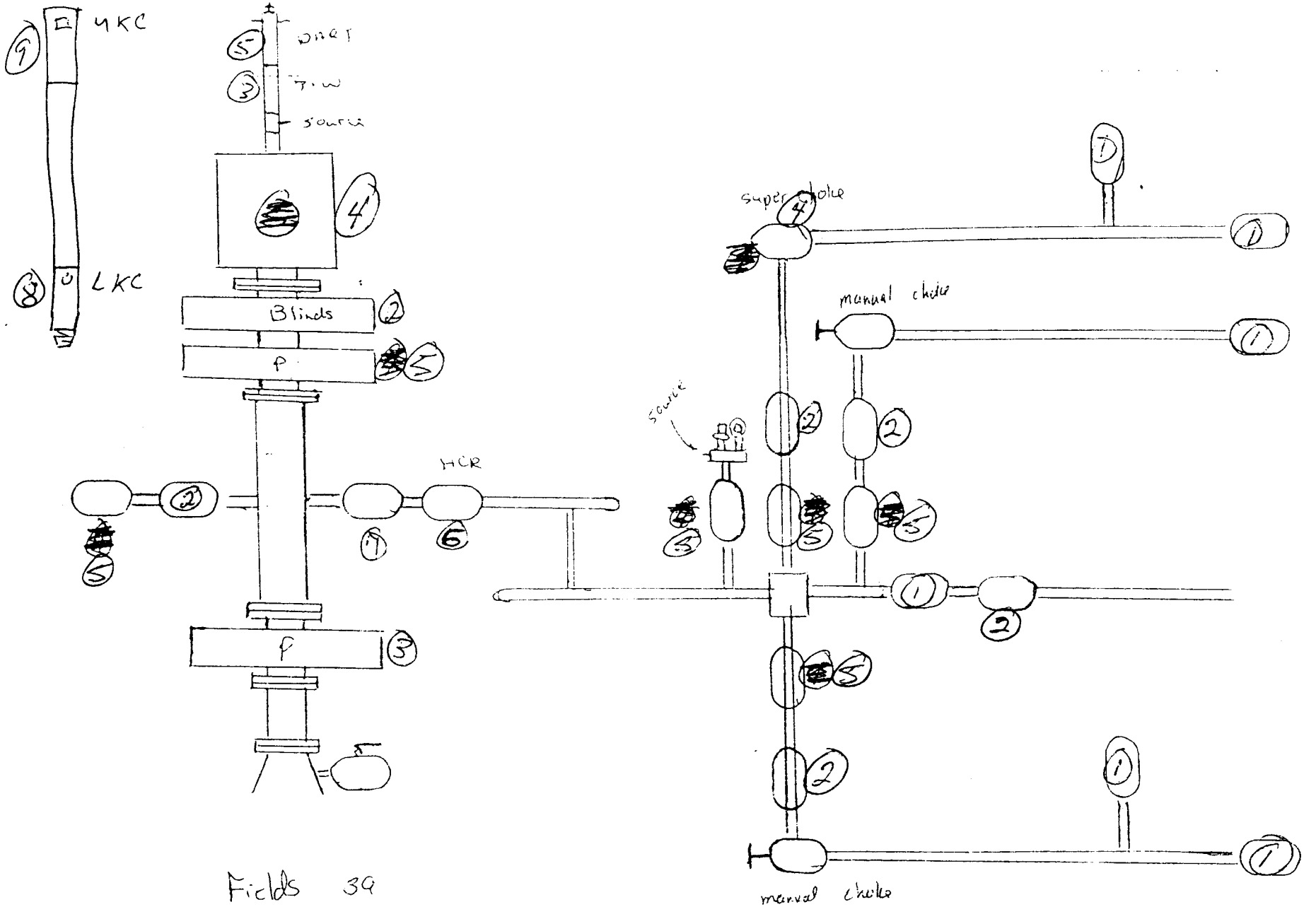
3:10 - 3:25 T(7) - HIGH

3:25 - 3:50 - PULL PLUG, BRK OUT TIW & DART - PICK UP KELLY & TEST SUB

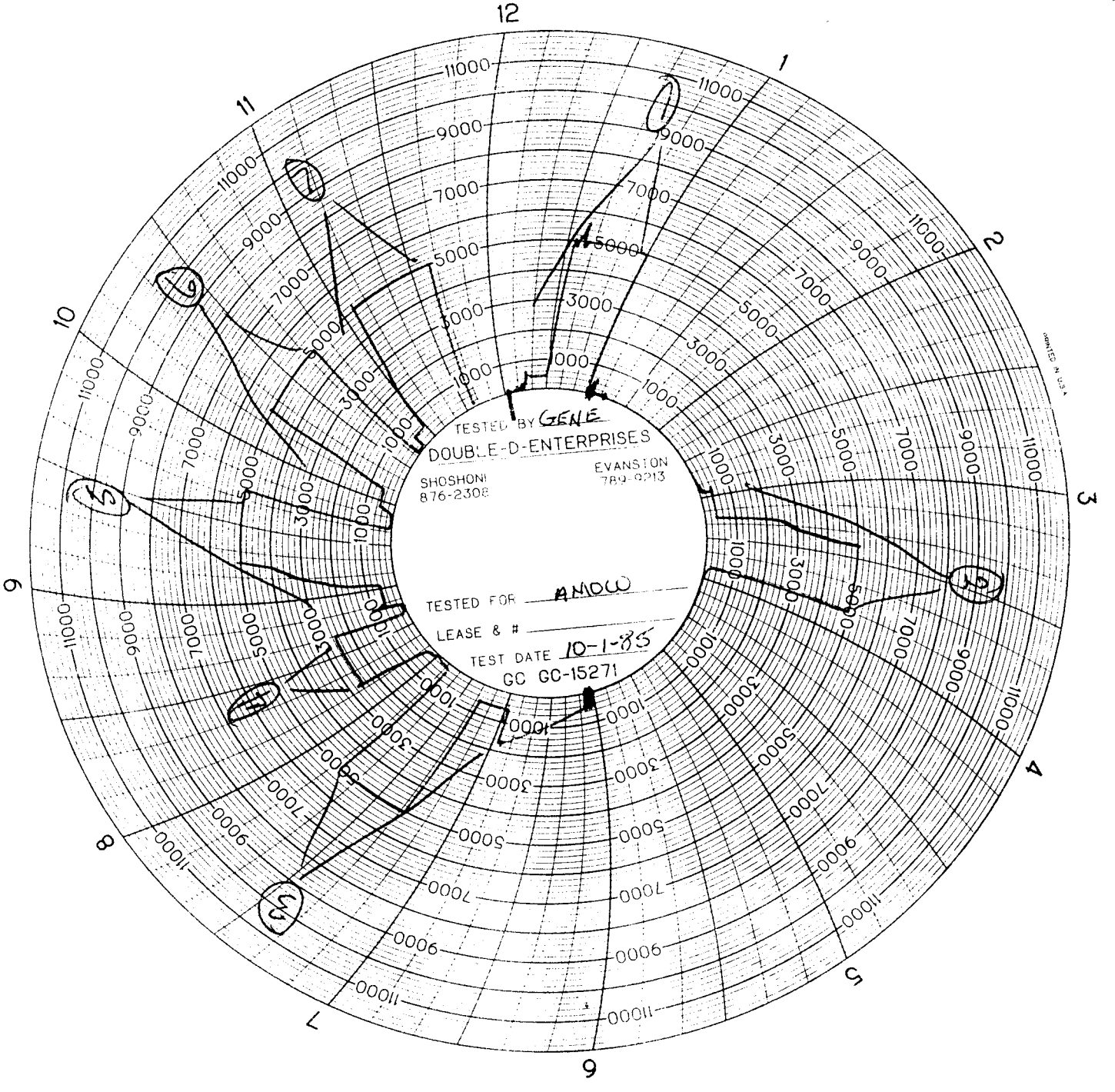
3:50-3:55 - T(8) - LOW TEST LKC / 3:55-4:10 - T(8) HIGH

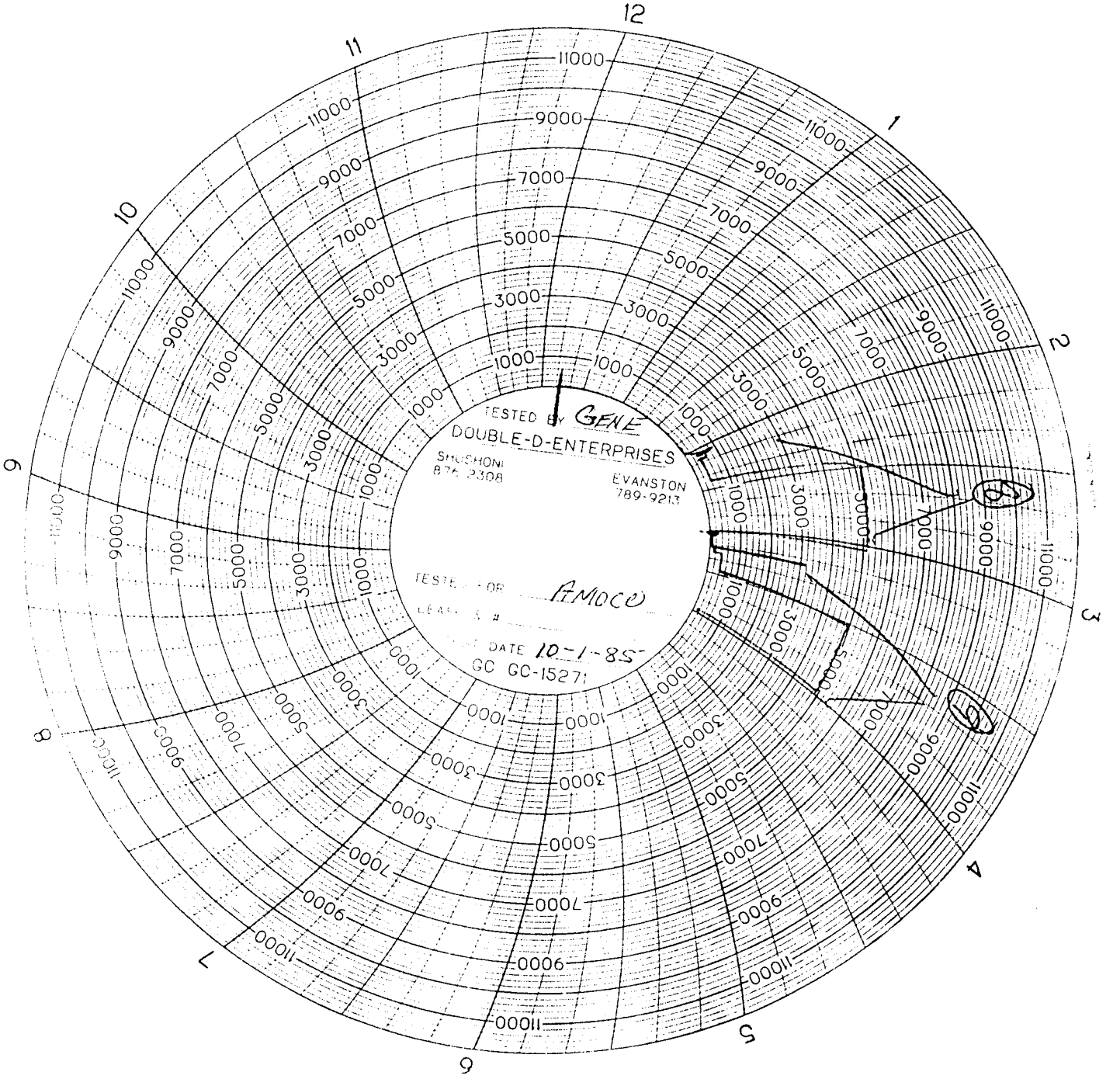
4:10-4:15 - T(9) - LOW TEST UKC / 4:15-4:30 - T(9) HIGH

4:30 - 5:00 - PICK UP & LEAVE


UKC
LKC
DART
TIW
source
Blinds
P
HCR
P
super choke
manual choke
source
manual choke

Fields 39


TESTED BY GENE
DOUBLE-D-ENTERPRISES
SHOSHONI
876-2308
EVANSTON
789-0213
TESTED FOR AMOCO
LEASE & #
TEST DATE 10-1-85
GC GC-15271


TESTED BY GENE
DOUBLE-D-ENTERPRISES
SHOSHONI
876-2308
EVANSTON
789-9213
AMOCO
DATE 10-1-85
GC GC-15271

STATE OF UTAH
DIVISION OF OIL, G_ AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO PRODUCTION CORP.

WELL NAME: ANSCHUTZ RANCH W30-06

SECTION: 30 TOWNSHIP 4N RANGE 8E COUNTY: Summit

DRILLING CONTRACTOR: Dixie Lynn Fields

RIG # 39

BOP TEST: DATE: 10-1-85

TIME: 8:00 AM

DRILLING:

CASING:

H_2S:

REPORTED BY: Dan Bural

TELEPHONE NO. 307-789-1718

DATE: 10-1-85 SIGNED AS

Form OGCC-1 be

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

OCT 24 1985

DIVISION OF OIL GAS & MINING

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: NESW Sec. 30, 1645' FWL & 2393' FSL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Anschtuz Ranch East

8. FARM OR LEASE NAME: W30-06

9. WELL NO.: W30-06

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

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

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.: 43-043-30273

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7871' GR

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

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

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

Date: 10/22/85

Total Depth: 11,738'

Contractor: Dixilyn Field #39

Spud Date: 07/17/85

Drilling Ahead: 9.875" Bit

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

SIGNED [signature] TITLE Administrative Supervisor DATE 10/22/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED

DEC 02 1985

DIVISION OF OIL GAS & MINING

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 11-6-85

OIL CO.: Amoco

WELL NAME & NUMBER ARE-W-30-06

SECTION 30

TOWNSHIP 4-N

RANGE 8-E

COUNTY Summit, Utah

DRILLING CONTRACTOR Fields #39

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Bill Nopper

RIG TOOL PUSHER BOB Painter

TESTED OUT OF Evanston

NOTIFIED PRIOR TO TEST: Utah

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah
Amoco Site Rep.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" TESTING

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 2717

RENTED TO Amoco NO.

DATE 11-6-85

ORDERED BY Bill Nopper ~~LEASE~~ ARE WELL NO. W-30-06

Rental begins when tools leave our warehouse
charged as full day.

ANSPORTATION – TO AND FROM JOB

UBLE D Portable BLOWOUT PREVENTE

First eight hour test period . . PU

Additional eight hours or fraction. . . .

Items Tested: 12 HR

3½ pipe rams to 3000#	7"	Csg. to 3000#	1500	Choke Manifold	3000 #
BLIND rams to 3000#		Hydril B O P to 1500 #		Both Kelly Cocks	3000 #
rams to #		Choke Line 3000 #		Both Safety Valves	3000 #
rams to #					

TEST SUBS 3½ IF @

OTHER 180 gallons

Tested against 7" Casing on each test on stack as there was No wellhead to set plug
All Tests held 15 minutes

12 HR TRUCK on location while picking up 3½

Had to work & Heat Hydril
Fields #39

We Appreciate Your Business Thanks TOTAL . . .$

TERMS NET CASH – NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash — No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By:

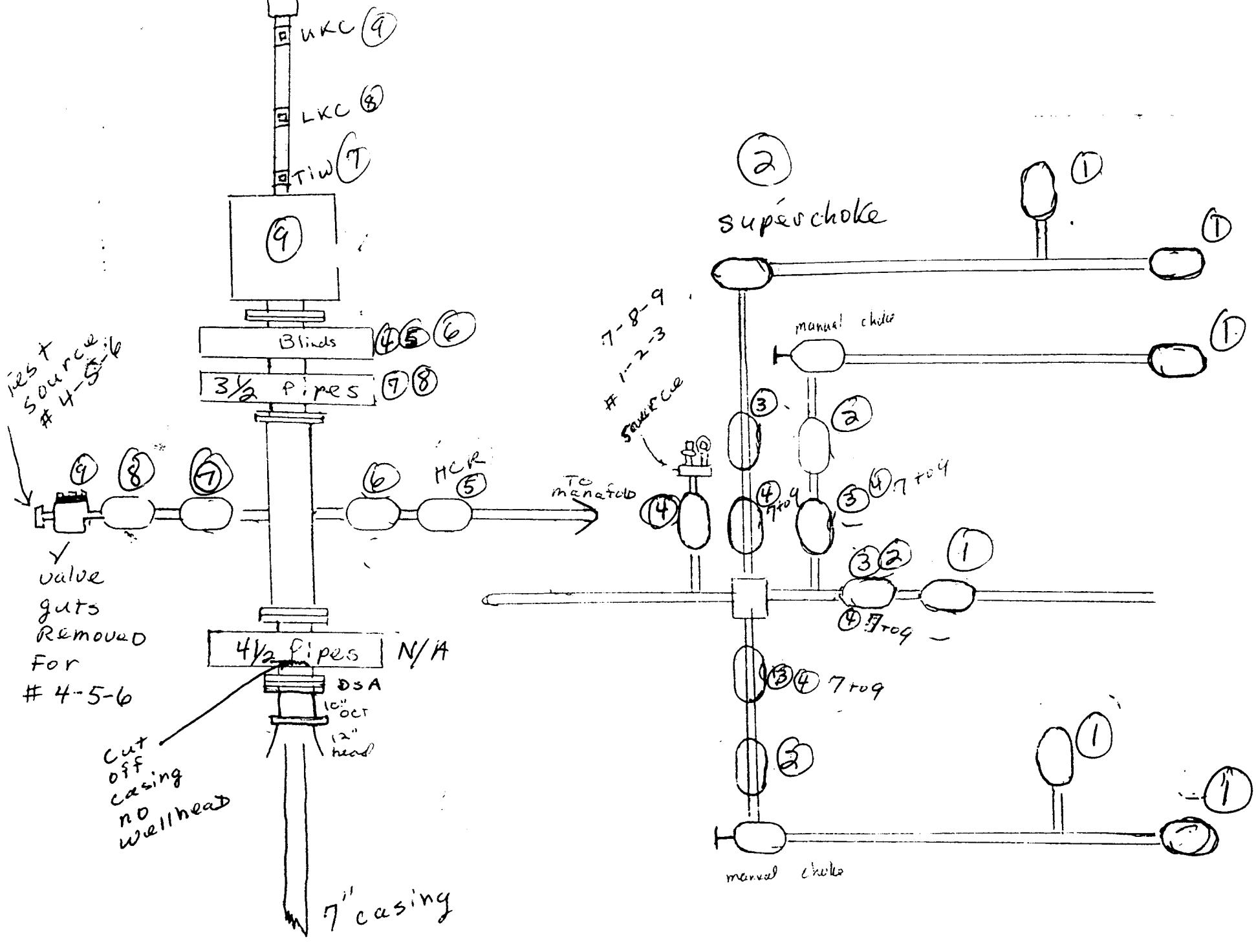
OWNER OR OWNER'S REPRESENTATIVE

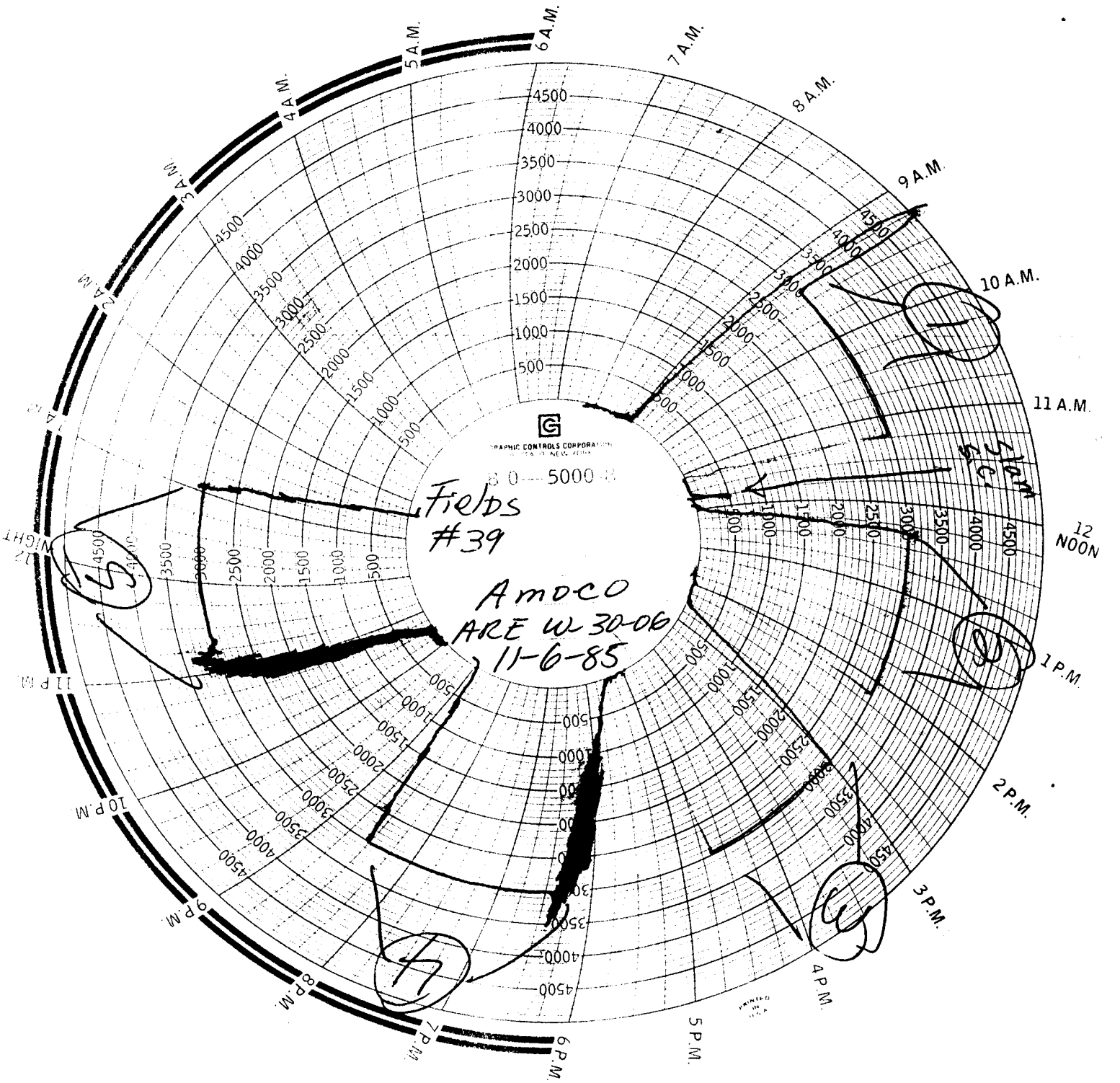
By: Shane McKown

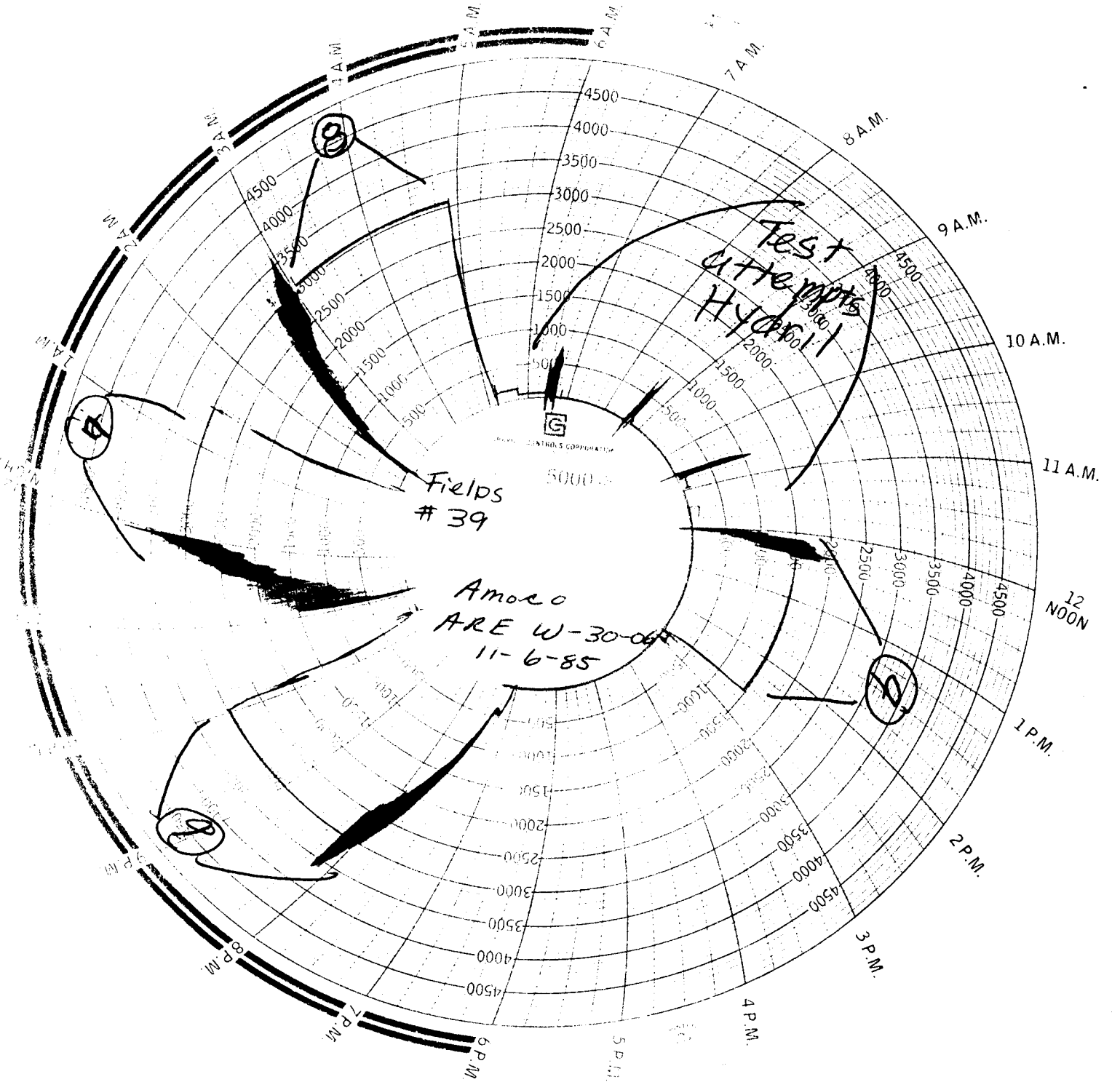
By:

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME

EST#	TIME	
	4 pm	arrive on location, unload truck
	4-9 pm	rig up to test manafold test
(1)	5th	Back manafold valves 3000 15 min OK
(2)		Slam & test superchoke & 2nd set of manafold valves 3000 15 min OK
(3)		Third set of manafold valves 3000 15 min OK
		Finish N/U & C/O Runs & remove guts from ✓ valve & rig up 2" Hose to test & rig up Floor
(4)	9-9:20	Pump up & test Blinds & 1st 4 manafold & riser valves & 7" casing 3000 15 min OK
(5)	9:20-9:50	Bleed pressure off switch valves pump up & Test Blinds & HCR & 7" casing 3000 15 min OK
(6)	9:50-10:15	Bleed pressure off switch valves pump up & Test Blinds & manual on choke line & 7" casing 3000 15 min OK
	10:15-12:00	Bleed pressure off rig down from Kill line replace guts in check rig up to manafold w/ 2" Hose spool up N/U Tools
	6th	
	12AM-11:30AM	W/O rig to P/U D.P. Kelly up & m/u Tools to D.P.
(7)	11:30-12:00	Pump up & test 1st 4 manafold valves 3½ Pipes 7" casing & Tiw & 1st Valve on Kill line 3000 15 min OK
(8)	12-12:30	Bleed pressure off switch valves pump up & test 1st 4 manafold valves 2nd valve on Kill line 3½ pipes & lower Kelly 3000 15 min OK Bleed pressure off
	12:30-2:30	Test attempts on Hydril work & Heat Hydril
(9)	2:30-3:00	Test Hydril ✓ valve upper Kelly & 7" casing & 1st 4 manafold valve 1500 15 min OK
	3-4	Rig down spool up load truck


UKC 9
LKC 8
TIW 7
9
Blinds 4 5 6
3½ pipes 7 8
test source # 4-5-6
9 8 7
6 HCR 5
To manafold
valve guts Removed For # 4-5-6
4½ pipes N/A
DSA
10" OCT
12" head
cut off casing no wellhead
7" casing
2
superchoke
1
1
manual choke
1
7-8-9
1-2-3
source
3
2
4
4 7 to 9
3 4 7 to 9
3 2
1
4 7 to 9
3 4 7 to 9
2
1
1
manual choke


Fields
#39
Amoco
ARE W-30-06
11-6-85
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 MIDNIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
500
1000
1500
2000
2500
3000
3500
4000
4500
5000



Test attempts Hydril
Fields # 39
Amoco ARE W-30-06
11-6-85
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 A.M.
11 A.M.
7 A.M.
8 A.M.
9 A.M.

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED
DEC 20 1985
DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 12-05-85

OIL CO.: Amoco

WELL NAME & NUMBER Anschutz W-30-06

SECTION 30

TOWNSHIP 4N

RANGE 8E

COUNTY Summit

DRILLING CONTRACTOR Cannon #9

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Bill Nopper

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative
Utah Oil & Gas
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3878

Operator AMOCO Contractor CANNON Rig No. 9

Ordered By BILL NOPPER Lease ANSHUTZ Well No. W-30-06

DATE 12-5-85 Section _____ Township _____ Range _____

Items Tested:

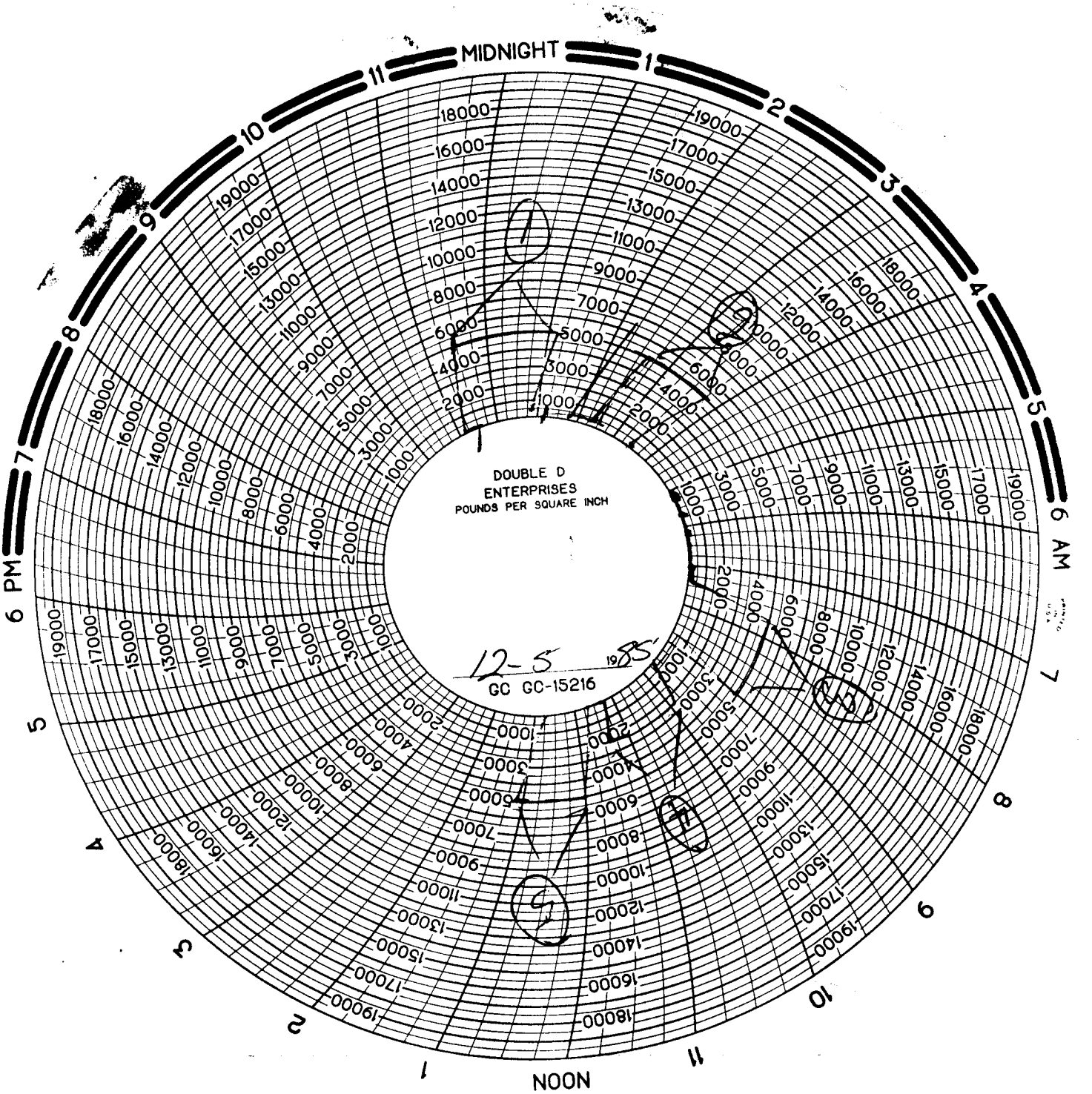
	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams			5000	15	
Bottom Pipe Rams					
Blind Rams			5000	15	
Annualar B.O.P.			2500	15	
Choke Manifold					
Choke Line			5000	15	
Kill Line					
Super Choke					
Upper Kelly			5000	15	3 1/2 IF
Lower Kelly			5000	15	3 1/2 EUE
Floor Valve			5000	15	3 1/2 EUE
Dart Valve					

Closing Unit Psi 3000 Closing Time of Rams _____ Closing Time of Hydril _____

Closed Casing Head Valve YES Set Wear Sleeve NO

Comments _____

TIME	TEST #	
11:00-12:00		ARRIVE/RIG UP TO TEST VALVES ON CATWALK
12:00-12:15	1	TEST 3 1/2 EUE SAFETY VALVE
12:15-12:30	2	TEST 3 1/2 IF SAFETY VALVE
12:30-1:30	[redacted]	WAIT ON RIG
1:30-1:45	3	PIPE RAMS & 2ND 3 1/2 EUE SAFETY VALVE
1:55-2:10	4	HYDRIL TO 2500 PSI
2:20-2:35	5	BLINDS
2:35-3:00		RIG DOWN & LEAVE


MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
12-5 1985
GC GC-15216

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

DEC 24 1985

DIVISION OF OIL GAS & MINING

1. OIL WELL [ ] GAS WELL [XX] 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

NESW SEc. 30, 1645' FWL & 2393' FSL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Anschtuz Ranch East

8. FARM OR LEASE NAME: W30-06

9. WELL NO.: W30-06

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

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

14. PERMIT NO.: 43-043-30273

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7871' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

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

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

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

Date: 12/19/85

Testing well should be finaled approximately February 1, 1986

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

SIGNED [signature] TITLE Administrative Sueprvisor DATE 12/19/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-3

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

56 64 01

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

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

RECEIVED
JAN 15 1986
DIVISION OF OIL GAS & MINING

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2393' FSL & 1645' FEL
At top prod. interval reported below
At total depth: 3403' FSL & 2693' FEL SE NW

5. LEASE DESIGNATION AND SERIAL NO.: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Anschtuz Ranch East
8. FARM OR LEASE NAME: W30-06
9. WELL NO.: W30-06
10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 30, T4N, R8E

14. PERMIT NO.: 43-043-30273 DATE ISSUED: 6-24-85
12. COUNTY OR PARISH: Summit
13. STATE: Utah

15. DATE SPUDDED: 7/18/85
16. DATE T.D. REACHED: 11/1/85
17. DATE COMPL. (Ready to prod.): 1/2/86
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 7900' KB 7876' GL
19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: 14634'MD, 14530'TVD
21. PLUG, BACK T.D., MD & TVD: 14275'MD, 14177'TVD
22. IF MULTIPLE COMPL., HOW MANY*:
23. INTERVALS DRILLED BY: →
ROTARY TOOLS: Rotary
CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13,690' - 14,180' (gross) MD
13,599' - 13,983' TVD
Nugget Sandstone

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, Sonic, FDC-CNL, Dipmeter, Gyro, Borehole Geometry

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
20"	94#	265'	26"	1000 sx "A"	
13 3/8"	68, 61#	5745'	17 1/2"	4200 sx "A"	
9 5/8"	53.5#, 47#	11911'	12 1/4"	675 sx "H"	
7"	32#	14634'	8 1/2"	577 sx "A & H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2"	13,590'	13,515'

31. PERFORATION RECORD (Interval, size and number)
13,690' - 13,742'
13,818' - 13,856'
13,886' - 13,898'
13,964' - 14,046'
14,060' - 14,074'
14,097' - 14,112'
14,130' - 14,180'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,348', 14,432'	150 sx "H"

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
1-2-86	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-5-86	24	52/64	→	4034	14,355	0	3558

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2050	0	→	4034	14,355	0	.71

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold

TEST WITNESSED BY:

86 D127

35. LIST OF ATTACHMENTS:

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

SIGNED: [signature] TITLE: Sr Drilling Eng. Supervisor DATE: 1-13-86

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Nugget	13,577' TVD		Gas Condensate

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Preuss	10,329'	10,260'
Watton Canyon	12,706'	11,541'
Boundry Ridge	13,109'	13,132'
Rich	13,163'	13,176'
Slide Rock	13,460'	13,476'
Gypsum Springs	13,560'	13,562'

RECEIVED

JUL 02 1985

DIVISION OF OIL
GAS & MINING

102719

June 28, 1985

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

Dear Applicant:

RE: TEMPORARY APPLICATION
NUMBER 21-1540 (T60961)

Enclosed is a copy of approved Temporary Application Number 21-1540 (T60961). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire June 28, 1986, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the acting Area Engineer, Robert Fatheringham. The telephone number is (801)752-8755.

Yours truly,

Robert L. Morgan, P.E.
State Engineer

RLM:slm

Encl.: Copy of approved Temporary Application

Form 97 2M 10-70

RECEIVED

JUN 17 1985

Application No. T-60941

21-1540

43-043-30073

PGW

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

TEMPORARY WATER RIGHTS

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

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

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒
2. The name of the applicant is AMOCO PRODUCTION COMPANY
3. The Post Office address of the applicant is P. O. BOX 829, EVANSTON, WYOMING 82930
4. The quantity of water to be appropriated ..... second-feet and/or 150 acre-feet
5. The water is to be used for Oil/Gas Well Drilling (Major Purpose) from July (Month) 1 (Day) to July (Month) 1 (Day)

   other use period ..... (Minor Purpose) from ..... (Month) ..... (Day) to ..... (Month) ..... (Day)

   and stored each year (if stored) from July (Month) 1 (Day) to July (Month) 1 (Day)

RECEIVED JUL 02 1985 DIVISION OF OIL GAS & MINING

6. The drainage area to which the direct source of supply belongs is ..... (Leave Blank)
7. The direct source of supply is* Underground Water/Thief Creek (Name of stream or other source)

   which is tributary to Yellow Creek, tributary to Bear River

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

8. The point of diversion from the source is in Summit County, situated at a point* NW/4 NW/4, Sec. 21, T4N, R8E, SLBM, Approximately 401' FWL and 1603' FNL (Anschutz W21-04 Water Well)

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

9. The diverting and carrying works will consist of 13 3/4" Water Well, Submersible pump and 1204' Deep
10. If water is to be stored, give capacity of reservoir in acre-feet .5 height of dam 2' area inundated in acres .25 legal subdivision of area inundated NW/4, NW/4 Sec. 21, T4N, R8E (Thief Creek Reservoir)
11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

    Total ..... Acres
12. Is the land owned by the applicant? Yes ..... No X If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes ..... No X
    If "yes," identify other water rights on page 2.
14. If application is for power purposes, describe type of plant, size and rated capacity.
15. If application is for mining, the water will be used in ..... Mining District at the ..... mine, where the following ores are mined
16. If application is for stockwatering purposes, number and kind of stock watered
17. If application is for domestic purposes, number of persons ....., or families
18. If application is for municipal purposes, name of municipality
19. If application is for other uses, include general description of proposed uses Drilling completion and production of Oil/Gas Wells
20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NE/4, SW/4, Sec. 30, T4N, R8E Summit County, Utah (Anschutz 30-06A) and SE/4 NE/4 Sec. 19, T4N, R8E, Summit County, Utah (Anschutz W19-08)
21. The use of water as set forth in this application will consume 150 second-feet and/or acre-feet of water and 0 second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows:

EXPLANATORY

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

This Temporary Application 58669 (21-1489) replaced the below referenced application.

~~Reference: Temporary Application Number 57696 (21-1457)~~
Temporary Application Number 58116 (21-1472)

The water pumped from the existing water well will be stored in tanks with the excess flowing into the Thief Creek Reservoir.

The water will be hauled from the tanks or directly from the reservoir as needed.

(Use page 4 if additional explanatory is needed.)

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

J. E. Kennedy
Signature of Applicant*

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

DECLARATION OF CITIZENSHIP

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

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

My commission expires:

(SEAL)

Notary Public

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus $7.50 for each cfs above the first cubic foot per second.
over 15.0	150.00	

Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus $7.50 for each 500 a.f. above the first 500 acre feet.
over 7500	150.00	

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. 6/17/85 Application received by mail / over counter in State Engineer's office by CO
2. Priority of Application brought down to, on account of
3. 6-17-85 Application fee, $45.00, received by J.J. Rec. No. 18757
4. Application microfilmed by Roll No.
5. Indexed by Platted by
6. Application examined by
7. Application returned, or corrected by office
8. Corrected Application resubmitted by mail / over counter to State Engineer's office.
9. Application approved for advertisement by
10. Notice to water users prepared by
11. Publication began; was completed
    Notice published in
12. Proof slips checked by
13. Application protested by
14. Publisher paid by M.E.V. No.
15. Hearing held by
16. Field examination by
17. 6/26/85 Application designated for approval / ~~rejection~~ SG
18. 6/28/85 Application copied or photostated by slm proofread by
19. 6/28/85 Application approved / ~~rejected~~
20. **Conditions:**

    This Application is approved, subject to prior rights, as follows:

    a. Actual construction work shall be diligently prosecuted to completion.

    b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR

    c. TEMPORARY APPROVAL -- EXPIRES June 28, 1986.

    Robert L. Morgan
    Robert L. Morgan, P.E. State Engineer

21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No. , issued

Application No. T 6026

```
04/27/88    D E T A I L   W E L L   D A T A   B Y   A P I        MENU: OPTION 00
API NUMBER: 4304330273    PROD ZONE: NGSD          SEC   TWNSHP   RANGE   QR-QR
ENTITY:  4540 ( ANSCHUTZ RANCH EAST UNIT        )  30   04.0 N   08.0 E   SENW
WELL NAME:  ANSCHUTZ RANCH EAST #W30-06
OPERATOR:  N1390 ( AMOCO ROCMOUNT COMPANY      )          MERIDIAN: S
FIELD:      505 ( ANSCHUTZ RANCH EAST
CONFIDENTIAL FLAG:     CONFIDENTIAL EXPIRES:      0     ALT ADDR FLAG:
    * * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
18. TYPE OF WELL (OW/GW/OT) GW        5. LEASE NUMBER: FEE          LEASE TYPE: 4
 4. SURFACE LOC: 2393 FSL 1645 FWL    7. UNIT NAME: ANSCHUTZ RANCH
  PROD ZONE LOC: 2878 FSL 2531 FWL  19. DEPTH: 14570    PROPOSED ZONE: NGSD
21. ELEVATION:   7900' KB            APD DATE:  850624   AUTH CODE: A-3
    * * * COMPLETION REPORT INFORMATION * * *            DATE RECD: 860115
15. SPUD DATE: 850830    17. COMPL DATE: 860102     20. TOTAL DEPTH: 14,634'
24. PRODUCING INTERVALS: 13,690-14,180
 4. BOTTOM HOLE: 3403 FSL 2693 FWL  33. DATE PROD: 860102    WELL STATUS: PGW
24HR OIL: 4034     24HR GAS: 14355      24HR WTR:    0       G-O RATIO:  3558
    * * * WELL COMMENTS * * *                               API GRAVITY:  0.71
  QR-QR FOR SURFACE LOCATION=NESW:850806 NAME CHG FROM W30-06A PER SUNDRY
  860218 PROD ZONE LOC CHG FROM 3403 FSL 2693 FEL & BH FROM 2693 FEL:REVISED
  WELL COMPLETION LOC CHG:860307 ACCEPTED INTO UNIT CHG OPER AND ADD ENTITY
OPTION: 21 PERIOD(YYMM):    0 API: 4304330273 ZONE:       ENTITY:     0
```

Form OGC-3

REVISED

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

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

56 64 01

RECEIVED
FEB 10 1986
DIVISION OF OIL, GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

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

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2393' FSL & 1645' FWL
At top prod. interval reported below: 2878' FSL & 2531' FWL
At total depth: 3403' FSL & 2693' FWL

5. LEASE DESIGNATION AND SERIAL NO.: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Anschtuz Ranch East
8. FARM OR LEASE NAME: W30-06
9. WELL NO.: W30-06
10. FIELD AND POOL, OR WILDCAT: Anschtuz Ranch East
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 30, T4N, R8E

14. PERMIT NO.: 43-043-30273 DATE ISSUED: 6-24-85
12. COUNTY OR PARISH: Summit
13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-18-85	11-1-85	1-2-86	7900' KB 7876' GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
41634'MD,14530'TVD	14275'MD,14177'TVD		→	Rotary	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13,690' - 14,180' (gross) MD
13,599' - 13,983' TVD Nugget Sandstone

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, Sonic, FDC-CNL, Dipmeter, Gyro, Borehole Geometry

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
20"	94#	265'	26"	1000 sx "A"	
13 3/8"	68, 61#	5745'	17 1/2"	4200 sx "A"	
9 5/8"	53.5, 47#	11911'	12 1/4"	675 sx "H"	
7"	32#	14634'	8 1/2"	577 sx "A" & "H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2"	13,590'	13,515'

31. PERFORATION RECORD (Interval, size and number)
13,690'-13,742'
13,818'-13,856'
13,886'-13,898'
13,964'-14,046'
14,060'-14,074'
14,097'-14,112'
14,130'-14,180'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,348',14,432'	150 sx "H"

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
1-2-86	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-5-86	24	52/64	→	4034	14,355	0	3558

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2050	0	→	4034	14,355	0	.71

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED [signature] TITLE Sr Drilling Eng Supervisor DATE 2-3-86

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Nugget	13,577' TVD		Gas Condensate

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Preuss	10,329'	10,260'
Watton Canyon	12,706'	11,541'
Boundry Ridge	13,109'	13,132'
Rich	13,163'	13,176'
Slide Rock	13,460'	13,476'
Gypsum Springs	13,560'	13,562'

Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986
DIVISION OF
OIL, GAS & MINING

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

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 Anschtuz 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

Well Name	API No.	Legal Description
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-~~12~~16?	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043-95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SENW, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SENW, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, SEc 30, T4N, R8E

Production wells (cont.)

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

Injection wells

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

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

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

Thank you,

R. M. Ramsey

R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

4N 8E 30
W30-06

30-02 1042	0	0	0	0	99999.000	FM	JP2	0.00	0.00
30-02 1043	0	0	0	0	99999.000	FM	WC2	0.00	0.00
30-02 1044	0	0	0	0	99999.000	FM	WC3	0.00	0.00
30-02 1045	0	0	0	0	99999.000	FM	BR2	0.00	0.00
30-02 1046	0	0	0	0	99999.000	FM	R2	0.00	0.00
30-02 1047	0	0	0	0	99999.000	FM	SR2	0.00	0.00
30-02 1048	0	0	0	0	99999.000	FM	GS2	0.00	0.00
30-02 1049	0	0	0	0	99999.000	FM	JN2	0.00	0.00
30-02 1050	0	0	0	0	99999.000	FT	FLT1	0.00	0.00
30-02 1051	0	0	0	0	99999.000	FT	FLT2	0.00	0.00
30-02 1052	0	0	0	0	99999.000	FT	FLT3	0.00	0.00
30-02 1053	0	0	0	0	99999.000	FT	AXIS	0.00	0.00
30-02 1054	0	0	0	0	99999.000	FT	DT	0.00	0.00
30-02 1055	14350	14199	1199	-758	-6525.492	FM	TD	0.00	0.00
30-02 1056	14134	13998	1135	-713	-6324.285	FM	GWC3	0.00	0.00
30-02 1057	0	0	0	0	99999.000	FM	GWC2	0.00	0.00
30-02 1058	0	0	0	0	99999.000	FM	GWC1	0.00	0.00
30-02 9999	0	0	0	0	0.000	LS		0.00	0.00

REPORT FOR WELL # 30-06 WITH API # = 430433017700 AND CARD NO. = 0 MAP SCALE = 1000 FEET PER MAP INCH

SURFACE X VALUE = 22.551 INCHES SURFACE Y VALUE = 31.765 INCHES LATITUDE = 4105692 LONGITUDE = 11108780 SURFACE ELEVATION = 7847 DEVIATED HOLE? YES

WELL NO.	CARD NO.	MEASURED DEPTH	TRUE VERTICAL DEPTH	EAST-WEST OFFSET	NORTH-SOUTH OFFSET	TRUE SUBSEA OR ASSOCIATED VALUE	VALUE CODE	VALUE LABLE	HOL INC OR TRUE SUBSEA DIP	HOLE DRIFT OR TRUE SUBSEA DIP AZIMUTH	QUALITY FACTOR
30-06	1	0	0	0	0	0.000	DS		0.00	0.00	
30-06	2	100	100	0	0	0.000	DS		0.52	204.00	
30-06	3	200	200	0	-1	0.000	DS		0.32	149.00	
30-06	4	300	300	0	-2	0.000	DS		0.20	173.00	
30-06	5	400	400	0	-2	0.000	DS		0.37	199.00	
30-06	6	500	500	0	-3	0.000	DS		0.37	188.00	
30-06	7	600	600	0	-3	0.000	DS		0.27	166.00	
30-06	8	700	700	0	-4	0.000	DS		0.40	204.00	
30-06	9	800	800	0	-5	0.000	DS		0.63	185.00	
30-06	10	900	900	-1	-5	0.000	DS		0.35	192.00	
30-06	11	1000	1000	-1	-6	0.000	DS		0.67	200.00	
30-06	12	1100	1100	-1	-7	0.000	DS		0.50	183.00	
30-06	13	1200	1200	-1	-8	0.000	DS		0.88	202.00	
30-06	14	1300	1300	-2	-10	0.000	DS		1.07	188.00	
30-06	15	1400	1400	-2	-12	0.000	DS		1.03	200.00	
30-06	16	1500	1500	-3	-14	0.000	DS		1.22	189.00	
30-06	17	1600	1600	-3	-16	0.000	DS		0.88	190.00	
30-06	18	1700	1700	-3	-17	0.000	DS		1.15	200.00	
30-06	19	1800	1800	-4	-19	0.000	DS		1.00	195.00	
30-06	20	1900	1900	-5	-21	0.000	DS		1.13	214.00	
30-06	21	2000	2000	-6	-23	0.000	DS		1.23	214.00	
30-06	22	2100	2100	-7	-24	0.000	DS		0.93	226.00	
30-06	23	2200	2200	-9	-25	0.000	DS		1.45	227.00	
30-06	24	2300	2300	-11	-27	0.000	DS		1.32	237.00	
30-06	25	2400	2400	-13	-28	0.000	DS		1.42	246.00	
30-06	26	2500	2500	-15	-29	0.000	DS		1.72	238.00	
30-06	27	2600	2600	-18	-30	0.000	DS		1.55	258.00	
30-06	28	2700	2700	-20	-31	0.000	DS		1.87	238.00	
30-06	29	2800	2800	-23	-33	0.000	DS		1.63	251.00	
30-06	30	2900	2900	-26	-34	0.000	DS		1.78	255.00	
30-06	31	3000	2999	-29	-35	0.000	DS		2.18	249.00	

30-06	32	3100	3099	-32	-36	0.000	DS	1.62	245.00
30-06	33	3200	3199	-35	-37	0.000	DS	1.63	253.00
30-06	34	3300	3299	-38	-38	0.000	DS	1.80	258.00
30-06	35	3400	3399	-41	-39	0.000	DS	1.48	249.00
30-06	36	3500	3499	-43	-39	0.000	DS	1.02	248.00
30-06	37	3600	3599	-44	-40	0.000	DS	0.97	261.00
30-06	38	3700	3699	-46	-40	0.000	DS	0.92	255.00
30-06	39	3800	3799	-48	-40	0.000	DS	0.97	275.00
30-06	40	3900	3899	-49	-40	0.000	DS	1.07	274.00
30-06	41	4000	3999	-51	-40	0.000	DS	1.07	281.00
30-06	42	4100	4099	-53	-40	0.000	DS	1.22	272.00
30-06	43	4200	4199	-55	-40	0.000	DS	1.43	275.00
30-06	44	4300	4299	-58	-40	0.000	DS	1.57	268.00
30-06	45	4400	4399	-61	-39	0.000	DS	1.30	282.00
30-06	46	4500	4499	-63	-39	0.000	DS	1.43	271.00
30-06	47	4600	4599	-66	-39	0.000	DS	1.55	271.00
30-06	48	4700	4699	-68	-39	0.000	DS	1.53	264.00
30-06	49	4800	4799	-71	-39	0.000	DS	1.25	282.00
30-06	50	4900	4899	-73	-38	0.000	DS	1.33	283.00
30-06	51	5000	4999	-75	-38	0.000	DS	1.55	289.00
30-06	52	5025	5024	-76	-38	0.000	DS	1.43	291.00
30-06	53	5111	5110	-78	-37	0.000	DS	1.42	292.00
30-06	54	5204	5203	-80	-36	0.000	DS	1.50	300.00
30-06	55	5296	5295	-82	-35	0.000	DS	1.58	298.00
30-06	56	5389	5388	-84	-33	0.000	DS	1.67	297.00
30-06	57	5481	5480	-87	-32	0.000	DS	1.58	301.00
30-06	58	5574	5573	-89	-31	0.000	DS	1.58	300.00
30-06	59	5666	5665	-91	-30	0.000	DS	1.33	303.00
30-06	60	5759	5758	-93	-28	0.000	DS	1.33	310.00
30-06	61	5851	5850	-94	-27	0.000	DS	1.25	314.00
30-06	62	5944	5943	-96	-26	0.000	DS	1.08	315.00
30-06	63	6036	6035	-97	-24	0.000	DS	1.08	323.00
30-06	64	6050	6049	-97	-24	0.000	DS	1.00	321.00
30-06	65	6100	6098	-97	-23	0.000	DS	1.42	329.00
30-06	66	6200	6198	-99	-21	0.000	DS	1.42	331.00
30-06	67	6300	6298	-100	-19	0.000	DS	1.33	316.00
30-06	68	6400	6398	-102	-17	0.000	DS	1.77	329.00
30-06	69	6500	6498	-103	-14	0.000	DS	1.57	328.00
30-06	70	6600	6598	-105	-12	0.000	DS	1.67	325.00
30-06	71	6700	6698	-107	-10	0.000	DS	1.78	324.00
30-06	72	6800	6798	-108	-7	0.000	DS	1.72	325.00
30-06	73	6900	6898	-110	-5	0.000	DS	1.85	332.00
30-06	74	7000	6998	-112	-2	0.000	DS	1.83	327.00
30-06	75	7100	7098	-113	1	0.000	DS	1.78	327.00
30-06	76	7200	7198	-115	4	0.000	DS	1.88	326.00
30-06	77	7300	7298	-117	6	0.000	DS	2.00	330.00
30-06	78	7400	7398	-119	9	0.000	DS	1.95	331.00
30-06	79	7500	7498	-120	12	0.000	DS	1.75	326.00
30-06	80	7600	7598	-122	15	0.000	DS	1.68	330.00
30-06	81	7700	7698	-124	17	0.000	DS	1.33	308.00
30-06	82	7800	7798	-125	19	0.000	DS	1.57	328.00
30-06	83	7900	7898	-127	21	0.000	DS	1.35	326.00
30-06	84	8000	7998	-128	23	0.000	DS	1.55	335.00
30-06	85	8100	8098	-129	25	0.000	DS	1.33	328.00
30-06	86	8200	8198	-130	27	0.000	DS	1.47	337.00

30-06	87	8300	8298	-131	30	0.000	DS	1.43	334.00
30-06	88	8400	8398	-132	32	0.000	DS	1.23	325.00
30-06	89	8500	8497	-133	34	0.000	DS	1.28	341.00
30-06	90	8600	8597	-134	36	0.000	DS	1.22	355.00
30-06	91	8700	8697	-134	38	0.000	DS	1.13	356.00
30-06	92	8800	8797	-134	40	0.000	DS	1.20	3.00
30-06	93	8900	8897	-135	42	0.000	DS	1.13	331.00
30-06	94	9000	8997	-135	44	0.000	DS	1.13	355.00
30-06	95	9100	9097	-133	44	0.000	DS	2.17	135.00
30-06	96	9200	9197	-129	40	0.000	DS	4.92	144.00
30-06	97	9300	9296	-122	29	0.000	DS	9.37	149.00
30-06	98	9400	9395	-114	16	0.000	DS	8.73	147.00
30-06	99	9500	9494	-106	3	0.000	DS	8.63	147.00
30-06	100	9600	9593	-100	-5	0.000	DS	3.33	148.00
30-06	101	9700	9693	-95	-14	0.000	DS	8.23	148.00
30-06	102	9800	9792	-87	-26	0.000	DS	7.87	147.00
30-06	103	9900	9891	-80	-37	0.000	DS	7.77	148.00
30-06	104	10000	9990	-73	-49	0.000	DS	7.68	148.00
30-06	105	10100	10089	-66	-59	0.000	DS	6.87	149.00
30-06	106	10200	10188	-60	-69	0.000	DS	6.58	150.00
30-06	107	10300	10288	-55	-79	0.000	DS	6.30	150.00
30-06	108	10400	10387	-49	-89	0.000	DS	6.12	151.00
30-06	109	10500	10487	-44	-98	0.000	DS	5.82	152.00
30-06	110	10600	10586	-40	-106	0.000	DS	5.58	152.00
30-06	111	10700	10686	-35	-115	0.000	DS	5.28	153.00
30-06	112	10800	10785	-31	-123	0.000	DS	5.25	153.00
30-06	113	10900	10885	-27	-131	0.000	DS	4.95	154.00
30-06	114	11000	10985	-23	-139	0.000	DS	5.05	155.00
30-06	115	11100	11084	-20	-147	0.000	DS	4.58	157.00
30-06	116	11200	11184	-17	-153	0.000	DS	3.87	156.00
30-06	117	11300	11284	-14	-159	0.000	DS	3.62	156.00
30-06	118	11400	11384	-13	-164	0.000	DS	2.12	161.00
30-06	119	11500	11483	-12	-167	0.000	DS	1.93	173.00
30-06	120	11600	11583	-12	-170	0.000	DS	1.37	180.00
30-06	121	11700	11683	-12	-172	0.000	DS	1.17	187.00
30-06	122	11800	11783	-12	-174	0.000	DS	0.78	159.00
30-06	123	11900	11883	-13	-176	0.000	DS	1.55	269.00
30-06	124	12000	11983	-15	-176	0.000	DS	1.37	268.00
30-06	125	12100	12083	-18	-176	0.000	DS	1.87	273.00
30-06	126	12200	12183	-21	-175	0.000	DS	1.90	278.00
30-06	127	12300	12283	-24	-175	0.000	DS	1.82	273.00
30-06	128	12400	12383	-28	-174	0.000	DS	2.07	287.00
30-06	129	12500	12483	-31	-173	0.000	DS	2.07	287.00
30-06	130	12800	12783	-40	-173	0.000	DS	1.50	263.00
30-06	131	12900	12883	-41	-174	0.000	DS	0.75	164.00
30-06	132	13000	12983	-40	-175	0.000	DS	1.50	122.00
30-06	133	13100	13083	-37	-177	0.000	DS	2.75	110.00
30-06	134	13200	13183	-31	-180	0.000	DS	4.00	118.00
30-06	135	13300	13282	-24	-184	0.000	DS	6.00	119.00
30-06	136	13400	13381	-13	-189	0.000	DS	8.00	118.00
30-06	137	13500	13480	1	-197	0.000	DS	10.25	120.00
30-06	138	13600	13578	17	-206	0.000	DS	11.75	118.00
30-06	139	13700	13676	35	-215	0.000	DS	11.25	114.00
30-06	140	13800	13775	52	-222	0.000	DS	9.75	112.00
30-06	141	13900	13873	67	-228	0.000	DS	8.50	111.00

30-06	142	14000	13972	81	-234	0.000	DS		8.50	113.00
30-06	143	14100	14071	95	-241	0.000	DS		10.75	121.00
30-06	144	14200	14169	114	-253	0.000	DS		14.00	124.00
30-06	145	14230	14198	120	-257	0.000	DS		15.00	123.00
30-06	146	14300	14265	135	-267	0.000	DS		15.40	127.00
30-06	147	14400	14361	158	-286	0.000	DS		19.30	128.00
30-06	148	14498	14452	186	-306	0.000	DS		21.40	126.00
30-06	149	40000	38196	7714	-5775	0.000	DS		21.40	126.00
30-06	501	1000	1000	-1	-6	0.000	DM		12.00	115.00
30-06	502	1900	1900	-5	-21	0.000	DM		15.00	110.00
30-06	503	2300	2300	-11	-27	0.000	DM		30.00	125.00
30-06	504	3000	2999	-29	-35	0.000	DM		25.00	135.00
30-06	505	5700	5699	-92	-29	0.000	DM		65.00	305.00
30-06	506	6000	5999	-97	-25	0.000	DM		20.00	110.00
30-06	1001	7819	7817	-126	19	30.305	FM	GROUND	0.00	0.00
30-06	1002	0	0	0	0	99999.000	UC	TK	0.00	0.00
30-06	1003	0	0	0	0	99999.000	FM	KA	0.00	0.00
30-06	1004	0	0	0	0	99999.000	FM	KBR	0.00	0.00
30-06	1005	7106	7104	-113	1	742.953	FM	KG	20.00	115.00
30-06	1006	10133	10122	-64	-63	-2274.902	FM	JP	8.00	125.00
30-06	1007	11222	11206	-16	-155	-3358.836	FM	TSALT	8.00	125.00
30-06	1008	0	0	0	0	99999.000	FM	BSALT	0.00	0.00
30-06	1009	12497	12480	-31	-173	-4633.059	FM	JTC	25.00	295.00
30-06	1010	13306	13288	-23	-184	-5441.188	FM	LCM	25.00	295.00
30-06	1011	0	0	0	0	99999.000	FM	LCM2	0.00	0.00
30-06	1012	0	0	0	0	99999.000	FM	LCM3	0.00	0.00
30-06	1013	0	0	0	0	99999.000	FM	WCM2	0.00	0.00
30-06	1014	0	0	0	0	99999.000	FM	WCM3	0.00	0.00
30-06	1015	13460	13441	-5	-194	-5593.773	FM	WC	25.00	285.00
30-06	1016	13616	13594	20	-208	-5747.016	FM	WCM	30.00	295.00
30-06	1017	13798	13773	32	-222	-5925.688	FM	BR	25.00	295.00
30-06	1018	13848	13822	59	-225	-5975.008	FM	R	30.00	285.00
30-06	1019	14187	14156	111	-251	-6308.902	FM	SR	35.00	300.00
30-06	1020	14303	14268	135	-268	-6421.016	FM	GS	40.00	305.00
30-06	1021	14375	14337	152	-281	-6489.891	FM	JN	34.00	305.00 *
30-06	1022	14375	14337	152	-281	99999.000	AV	GRST1	0.00	0.00
30-06	1023	14375	14337	152	-281	99999.000	AV	NETT1	0.00	0.00
30-06	1024	14375	14337	152	-281	99999.000	AV	APOR1	0.00	0.00
30-06	1025	14375	14337	152	-281	99999.000	AV	ASW1	0.00	0.00
30-06	1026	14628	14573	224	-334	-6726.465	FM	Z2	0.00	0.00
30-06	1027	0	0	0	0	99999.000	FM	Z3	0.00	0.00
30-06	1028	0	0	0	0	99999.000	FM	TRA	0.00	0.00
30-06	1029	0	0	0	0	99999.000	FM	TRA/Z3	0.00	0.00
30-06	1030	0	0	0	0	99999.000	FM	Z3/Z2	0.00	0.00
30-06	1031	0	0	0	0	99999.000	FM	Z2/Z1	0.00	0.00
30-06	1032	0	0	0	0	99999.000	FM	JN/GS	0.00	0.00
30-06	1033	0	0	0	0	99999.000	FM	GS/SR	0.00	0.00
30-06	1034	0	0	0	0	99999.000	FM	SR/R	0.00	0.00
30-06	1035	0	0	0	0	99999.000	FM	R/BR	0.00	0.00
30-06	1036	0	0	0	0	99999.000	FM	BR/WC	0.00	0.00
30-06	1037	0	0	0	0	99999.000	FM	WC/LC	0.00	0.00
30-06	1038	0	0	0	0	99999.000	FM	LC/GC	0.00	0.00
30-06	1039	0	0	0	0	99999.000	FM	GC/JP	0.00	0.00
30-06	1040	0	0	0	0	99999.000	FM	JP/KG	0.00	0.00
30-06	1041	0	0	0	0	99999.000	FM	KG/KBR	0.00	0.00

30-06 1042	0	0	0	0	99999.000	FM	JP2	0.00	0.00
30-06 1043	0	0	0	0	99999.000	FM	WC2	0.00	0.00
30-06 1044	0	0	0	0	99999.000	FM	WC3	0.00	0.00
30-06 1045	0	0	0	0	99999.000	FM	BR2	0.00	0.00
30-06 1046	0	0	0	0	99999.000	FM	R2	0.00	0.00
30-06 1047	0	0	0	0	99999.000	FM	SR2	0.00	0.00
30-06 1048	0	0	0	0	99999.000	FM	GS2	0.00	0.00
30-06 1049	0	0	0	0	99999.000	FM	JN2	0.00	0.00
30-06 1050	3100	3099	-32	-36	4747.602	FT	FLT1	0.00	0.00
30-06 1051	5775	5774	-93	-28	2073.441	FT	FLT2	0.00	0.00
30-06 1052	2110	2110	-7	-24	5737.191	FT	FLT3	0.00	0.00
30-06 1053	0	0	0	0	99999.000	FT	AXIS	0.00	0.00
30-06 1054	0	0	0	0	99999.000	FT	OT	0.00	0.00
30-06 1055	14749	14686	260	-360	-6839.117	FM	TD	0.00	0.00
30-06 1056	0	0	0	0	99999.000	FM	GWC3	0.00	0.00
30-06 1057	0	0	0	0	99999.000	FM	GWC2	0.00	0.00
30-06 1058	0	0	0	0	99999.000	FM	GWC1	0.00	0.00
30-06 9999	0	0	0	0	0.000	LS		0.00	0.00

REPORT FOR WELL # 3006A WITH API # = 430433027300 AND CARD NO. = 0 MAP SCALE = 1000 FEET PER MAP INCH

LATITUDE = 4105216 LONGITUDE = 11108784

SURFACE X VALUE = 22.548 INCHES SURFACE Y VALUE = 30.031 INCHES SURFACE ELEVATION = 7900 DEVIATED HOLE? YES

WELL NO.	CARD NO.	MEASURED DEPTH	TRUE VERTICAL DEPTH	EAST-WEST OFFSET	NORTH-SOUTH OFFSET	TRUE SUBSEA OR ASSOCIATED VALUE	VALUE CODE	VALUE LABLE	HOL INC OR TRUE SUBSEA DIP	HOLE DRIFT OR TRUE SUBSEA DIP AZIMUTH	QUALITY FACTOR
3006A	1	0	0	0	0	0.000	DS		0.00	0.00	
3006A	2	100	100	0	0	0.000	DS		0.03	246.00	
3006A	3	200	200	0	0	0.000	DS		0.22	182.00	
3006A	4	300	300	0	0	0.000	DS		0.02	333.00	
3006A	5	400	400	0	0	0.000	DS		0.22	197.00	
3006A	6	500	500	0	-1	0.000	DS		0.13	144.00	
3006A	7	600	600	0	-1	0.000	DS		0.13	159.00	
3006A	8	700	700	0	-1	0.000	DS		0.23	140.00	
3006A	9	800	800	0	-1	0.000	DS		0.25	150.00	
3006A	10	900	900	0	-2	0.000	DS		0.38	145.00	
3006A	11	1000	1000	1	-2	0.000	DS		0.43	179.00	
3006A	12	1100	1100	1	-3	0.000	DS		0.50	186.00	
3006A	13	1200	1200	1	-4	0.000	DS		0.55	183.00	
3006A	14	1300	1300	0	-5	0.000	DS		0.70	190.00	
3006A	15	1400	1400	0	-7	0.000	DS		0.78	189.00	
3006A	16	1500	1500	0	-8	0.000	DS		0.97	189.00	
3006A	17	1600	1600	0	-10	0.000	DS		1.15	187.00	
3006A	18	1700	1700	-1	-12	0.000	DS		1.32	184.00	
3006A	19	1800	1800	-1	-14	0.000	DS		1.18	187.00	
3006A	20	1900	1900	-1	-16	0.000	DS		1.17	185.00	
3006A	21	2000	2000	-1	-18	0.000	DS		1.18	184.00	
3006A	22	2100	2100	-1	-20	0.000	DS		1.23	179.00	
3006A	23	2200	2200	-1	-22	0.000	DS		1.02	180.00	
3006A	24	2300	2300	-1	-24	0.000	DS		0.98	180.00	
3006A	25	2400	2400	-1	-26	0.000	DS		0.85	193.00	
3006A	26	2500	2500	-2	-27	0.000	DS		0.78	197.00	
3006A	27	2600	2600	-2	-28	0.000	DS		0.67	229.00	
3006A	28	2700	2700	-3	-29	0.000	DS		0.62	231.00	
3006A	29	2800	2800	-4	-29	0.000	DS		0.62	250.00	
3006A	30	2900	2900	-5	-30	0.000	DS		0.68	259.00	
3006A	31	3000	3000	-6	-30	0.000	DS		0.68	254.00	

3006A	32	3100	3100	-7	-30	0.000	DS	0.67	253.00
3006A	33	3200	3200	-9	-30	0.000	DS	0.80	276.00
3006A	34	3300	3300	-10	-30	0.000	DS	1.08	279.00
3006A	35	3400	3400	-12	-30	0.000	DS	1.20	283.00
3006A	36	3500	3500	-14	-29	0.000	DS	1.23	283.00
3006A	37	3600	3600	-16	-29	0.000	DS	1.07	288.00
3006A	38	3700	3700	-18	-28	0.000	DS	1.03	292.00
3006A	39	3800	3800	-20	-28	0.000	DS	1.05	292.00
3006A	40	3900	3900	-21	-27	0.000	DS	1.03	291.00
3006A	41	4000	4000	-23	-26	0.000	DS	0.95	290.00
3006A	42	4100	4100	-24	-26	0.000	DS	0.70	295.00
3006A	43	4200	4200	-25	-25	0.000	DS	0.50	314.00
3006A	44	4300	4300	-26	-24	0.000	DS	0.47	346.00
3006A	45	4400	4400	-26	-24	0.000	DS	0.55	354.00
3006A	46	4500	4500	-26	-23	0.000	DS	0.60	15.00
3006A	47	4600	4600	-26	-22	0.000	DS	0.57	13.00
3006A	48	4700	4700	-25	-21	0.000	DS	0.65	4.00
3006A	49	4800	4800	-25	-19	0.000	DS	0.73	20.00
3006A	50	4900	4900	-25	-18	0.000	DS	0.82	13.00
3006A	51	5000	4999	-24	-17	0.000	DS	1.07	25.00
3006A	52	5100	5099	-23	-14	0.000	DS	1.93	50.00
3006A	53	5200	5199	-19	-12	0.000	DS	3.10	61.00
3006A	54	5300	5299	-12	-9	0.000	DS	4.93	76.00
3006A	55	5400	5399	-4	-7	0.000	DS	5.62	79.00
3006A	56	5500	5498	6	-6	0.000	DS	5.42	82.00
3006A	57	5600	5598	15	-5	0.000	DS	5.10	85.00
3006A	58	5700	5697	24	-4	0.000	DS	5.13	86.00
3006A	59	5800	5797	33	-4	0.000	DS	5.38	89.00
3006A	60	5900	5896	43	-2	0.000	DS	5.93	77.00
3006A	61	6000	5996	53	2	0.000	DS	6.42	55.00
3006A	62	6100	6095	61	10	0.000	DS	6.87	36.00
3006A	63	6200	6194	69	21	0.000	DS	8.98	33.00
3006A	64	6300	6293	78	36	0.000	DS	11.18	34.00
3006A	65	6400	6391	89	52	0.000	DS	11.30	34.00
3006A	66	6500	6489	100	68	0.000	DS	11.28	35.00
3006A	67	6600	6587	112	84	0.000	DS	11.28	35.00
3006A	68	6700	6685	123	100	0.000	DS	10.87	36.00
3006A	69	6800	6783	134	115	0.000	DS	10.72	37.00
3006A	70	6900	6882	145	130	0.000	DS	10.88	37.00
3006A	71	7000	6980	156	145	0.000	DS	10.85	37.00
3006A	72	7100	7078	168	160	0.000	DS	10.77	38.00
3006A	73	7200	7176	180	174	0.000	DS	10.78	40.00
3006A	74	7300	7274	192	189	0.000	DS	10.97	40.00
3006A	75	7400	7373	204	203	0.000	DS	11.07	40.00
3006A	76	7500	7471	216	218	0.000	DS	11.02	39.00
3006A	77	7600	7569	228	233	0.000	DS	11.15	40.00
3006A	78	7700	7667	241	248	0.000	DS	11.23	42.00
3006A	79	7800	7765	254	262	0.000	DS	11.12	42.00
3006A	80	7900	7863	267	276	0.000	DS	10.80	43.00
3006A	81	8000	7961	280	290	0.000	DS	10.78	44.00
3006A	82	8100	8060	293	303	0.000	DS	10.40	45.00
3006A	83	8200	8158	306	315	0.000	DS	10.13	47.00
3006A	84	8300	8257	318	327	0.000	DS	10.03	47.00
3006A	85	8400	8355	331	339	0.000	DS	9.87	49.00
3006A	86	8500	8454	344	350	0.000	DS	9.85	48.00

3006A	87	8600	8552	357	361	0.000	DS	9.62	52.00
3006A	88	8700	8651	370	371	0.000	DS	9.60	51.00
3006A	89	8800	8749	383	381	0.000	DS	9.48	53.00
3006A	90	8900	8848	396	391	0.000	DS	9.32	53.00
3006A	91	9000	8947	409	401	0.000	DS	9.25	56.00
3006A	92	9100	9045	423	410	0.000	DS	9.17	56.00
3006A	93	9200	9144	436	419	0.000	DS	9.12	53.00
3006A	94	9300	9243	448	428	0.000	DS	8.75	58.00
3006A	95	9400	9342	461	436	0.000	DS	8.62	58.00
3006A	96	9500	9441	474	443	0.000	DS	8.50	61.00
3006A	97	9600	9540	487	450	0.000	DS	8.33	61.00
3006A	98	9700	9639	500	457	0.000	DS	8.60	62.00
3006A	99	9800	9737	513	464	0.000	DS	8.88	67.00
3006A	100	9900	9836	528	470	0.000	DS	9.05	70.00
3006A	101	10000	9935	543	475	0.000	DS	9.00	68.00
3006A	102	10100	10034	557	481	0.000	DS	9.20	70.00
3006A	103	10200	10132	572	486	0.000	DS	9.18	72.00
3006A	104	10300	10231	587	491	0.000	DS	8.87	72.00
3006A	105	10400	10330	602	496	0.000	DS	9.23	74.00
3006A	106	10500	10429	618	499	0.000	DS	8.85	80.00
3006A	107	10600	10528	632	501	0.000	DS	7.83	86.00
3006A	108	10700	10627	645	501	0.000	DS	6.98	91.00
3006A	109	10800	10726	657	501	0.000	DS	6.45	92.00
3006A	110	10900	10825	667	500	0.000	DS	6.03	99.00
3006A	111	11000	10925	677	498	0.000	DS	5.58	102.00
3006A	112	11100	11024	687	496	0.000	DS	5.42	104.00
3006A	113	11200	11124	696	493	0.000	DS	5.62	106.00
3006A	114	11300	11224	705	490	0.000	DS	5.40	109.00
3006A	115	11400	11323	714	487	0.000	DS	5.22	114.00
3006A	116	11500	11423	722	483	0.000	DS	5.33	118.00
3006A	117	11600	11522	731	478	0.000	DS	5.78	120.00
3006A	118	11700	11622	740	473	0.000	DS	6.85	123.00
3006A	119	11800	11721	750	466	0.000	DS	7.17	126.00
3006A	120	11875	11795	758	460	0.000	DS	7.25	124.00
3006A	121	11900	11820	760	458	0.000	DS	7.25	125.00
3006A	122	12000	11919	772	451	0.000	DS	8.85	116.00
3006A	123	12100	12018	786	447	0.000	DS	7.47	99.00
3006A	124	12200	12117	798	449	0.000	DS	6.65	64.00
3006A	125	12300	12217	807	456	0.000	DS	6.12	42.00
3006A	126	12400	12316	812	464	0.000	DS	6.05	25.00
3006A	127	12500	12416	815	474	0.000	DS	5.70	7.00
3006A	128	12600	12515	815	484	0.000	DS	5.50	349.00
3006A	129	12700	12615	812	493	0.000	DS	5.47	337.00
3006A	130	12800	12714	810	500	0.000	DS	3.32	345.00
3006A	131	12900	12814	810	505	0.000	DS	2.05	25.00
3006A	132	13000	12914	813	508	0.000	DS	3.22	64.00
3006A	133	13100	13014	819	510	0.000	DS	4.02	72.00
3006A	134	13200	13114	826	512	0.000	DS	4.30	87.00
3006A	135	13300	13213	834	511	0.000	DS	5.28	103.00
3006A	136	13400	13313	844	508	0.000	DS	6.45	115.00
3006A	137	13500	13412	855	503	0.000	DS	7.77	114.00
3006A	138	13600	13511	868	496	0.000	DS	8.82	117.00
3006A	139	13700	13610	882	489	0.000	DS	9.40	120.00
3006A	140	13800	13708	897	480	0.000	DS	9.90	122.00
3006A	141	13900	13807	911	471	0.000	DS	9.77	125.00

3006A	142	14000	13905	924	460	0.000	DS		9.65	130.00
3006A	143	14100	14004	937	449	0.000	DS		10.32	134.00
3006A	144	14200	14102	950	436	0.000	DS		10.52	136.00
3006A	145	14300	14200	963	423	0.000	DS		10.98	135.00
3006A	146	14400	14299	976	410	0.000	DS		10.23	131.00
3006A	147	14500	14397	990	399	0.000	DS		10.30	129.00
3006A	148	14570	14466	1000	391	0.000	DS		10.20	126.00
3006A	149	40000	39494	4643	-2256	0.000	DS		10.20	126.00
3006A	1001	0	0	0	0	99999.000	FM	GROUND	0.00	0.00
3006A	1002	0	0	0	0	99999.000	UC	TK	0.00	0.00
3006A	1003	5204	5203	-19	-12	2696.660	FM	KA	0.00	0.00
3006A	1004	5893	5890	42	-3	2010.492	FM	KBR	0.00	0.00
3006A	1005	7262	7237	187	183	662.914	FM	KG	0.00	0.00
3006A	1006	10329	10260	592	492	-2359.762	FM	JP	0.00	0.00
3006A	1007	11400	11323	714	487	-3423.105	FM	TSALT	0.00	0.00
3006A	1008	11660	11582	736	475	-3681.867	FM	BSALT	0.00	0.00
3006A	1009	11751	11672	745	469	-3772.227	FM	JTC	32.00	310.00
3006A	1010	12502	12418	815	474	-4517.559	FM	LCM	30.00	315.00
3006A	1011	0	0	0	0	99999.000	FM	LCM2	0.00	0.00
3006A	1012	0	0	0	0	99999.000	FM	LCM3	0.00	0.00
3006A	1013	0	0	0	0	99999.000	FM	WCM2	0.00	0.00
3006A	1014	0	0	0	0	99999.000	FM	WCM3	0.00	0.00
3006A	1015	12707	12622	812	494	-4721.590	FM	WC	30.00	305.00
3006A	1016	12890	12804	810	504	-4904.215	FM	WCM	0.00	0.00
3006A	1017	13109	13023	820	511	-5122.867	FM	BR	0.00	0.00
3006A	1018	13164	13078	823	511	-5177.727	FM	R	30.00	315.00
3006A	1019	13461	13373	851	505	-5473.313	FM	SR	0.00	0.00
3006A	1020	13560	13471	863	499	-5571.379	FM	GS	0.00	0.00
3006A	1021	13669	13579	878	491	-5679.070	FM	JN	30.00	310.00
3006A	1022	13669	13579	878	491	99999.000	AV	GRST1	0.00	0.00
3006A	1023	13669	13579	878	491	99999.000	AV	NETT1	0.00	0.00
3006A	1024	13669	13579	878	491	99999.000	AV	APOR1	0.00	0.00
3006A	1025	13669	13579	878	491	99999.000	AV	ASW1	0.00	0.00
3006A	1026	13932	13838	915	468	-5938.313	FM	Z2	0.00	0.00
3006A	1027	14379	14278	974	413	-6378.059	FM	Z3	0.00	0.00
3006A	1028	0	0	0	0	99999.000	FM	TRA	0.00	0.00
3006A	1029	0	0	0	0	99999.000	FM	TRA/Z3	0.00	0.00
3006A	1030	0	0	0	0	99999.000	FM	Z3/Z2	0.00	0.00
3006A	1031	0	0	0	0	99999.000	FM	Z2/Z1	0.00	0.00
3006A	1032	0	0	0	0	99999.000	FM	JN/GS	0.00	0.00
3006A	1033	0	0	0	0	99999.000	FM	GS/SR	0.00	0.00
3006A	1034	0	0	0	0	99999.000	FM	SR/R	0.00	0.00
3006A	1035	0	0	0	0	99999.000	FM	R/BR	0.00	0.00
3006A	1036	0	0	0	0	99999.000	FM	BR/WC	0.00	0.00
3006A	1037	0	0	0	0	99999.000	FM	WC/LC	0.00	0.00
3006A	1038	0	0	0	0	99999.000	FM	LC/GC	0.00	0.00
3006A	1039	0	0	0	0	99999.000	FM	GC/JP	0.00	0.00
3006A	1040	0	0	0	0	99999.000	FM	JP/KG	0.00	0.00
3006A	1041	0	0	0	0	99999.000	FM	KG/KBR	0.00	0.00
3006A	1042	0	0	0	0	99999.000	FM	JP2	0.00	0.00
3006A	1043	0	0	0	0	99999.000	FM	WC2	0.00	0.00
3006A	1044	0	0	0	0	99999.000	FM	WC3	0.00	0.00
3006A	1045	0	0	0	0	99999.000	FM	BR2	0.00	0.00
3006A	1046	0	0	0	0	99999.000	FM	R2	0.00	0.00
3006A	1047	0	0	0	0	99999.000	FM	SR2	0.00	0.00

3006A	1048	0	0	0	0	99999.000	FM	GS2	0.00	0.00
3006A	1049	0	0	0	0	99999.000	FM	JN2	0.00	0.00
3006A	1050	0	0	0	0	99999.000	FT	FLT1	0.00	0.00
3006A	1051	0	0	0	0	99999.000	FT	FLT2	0.00	0.00
3006A	1052	0	0	0	0	99999.000	FT	FLT3	0.00	0.00
3006A	1053	0	0	0	0	99999.000	FT	AXIS	0.00	0.00
3006A	1054	0	0	0	0	99999.000	FT	OT	0.00	0.00
3006A	1055	14619	14514	1007	386	-6614.223	FM	TD	0.00	0.00
3006A	1056	14324	14224	966	420	-6323.992	FM	GWC3	0.00	0.00
3006A	1057	0	0	0	0	99999.000	FM	GWC2	0.00	0.00
3006A	1058	0	0	0	0	99999.000	FM	GWC1	0.00	0.00
3006A	9999	0	0	0	0	0.000	LS		0.00	0.00

REPORT FOR WELL # 30-8A WITH API # = 430433018300 AND CARD NO. = 0 MAP SCALE = 1000 FEET PER MAP INCH

SURFACE X VALUE = 25.802 INCHES SURFACE Y VALUE = 30.852 INCHES LATITUDE = 4105437 LONGITUDE = 11107603 SURFACE ELEVATION = 7719 DEVIATED HOLE? YES

WELL NO.	CARD NO.	MEASURED DEPTH	TRUE VERTICAL DEPTH	EAST-WEST OFFSET	NORTH-SOUTH OFFSET	TRUE SUBSEA OR ASSOCIATED VALUE	VALUE CODE	VALUE LABLE	HOL INC OR TRUE SUBSEA DIP	HOLE DRIFT OR TRUE SUBSEA DIP AZIMUTH	QUALI FACTO
30-8A	1	0	0	0	0	0.000	DS		0.00	0.00	
30-8A	2	100	100	0	0	0.000	DS		0.38	319.00	
30-8A	3	200	200	-1	1	0.000	DS		0.28	301.00	
30-8A	4	300	300	-1	1	0.000	DS		0.50	328.00	
30-8A	5	400	400	-2	2	0.000	DS		0.58	324.00	
30-8A	6	500	500	-2	3	0.000	DS		0.38	317.00	
30-8A	7	600	600	-3	3	0.000	DS		0.32	309.00	
30-8A	8	700	700	-3	3	0.000	DS		0.30	305.00	
30-8A	9	800	800	-4	4	0.000	DS		0.52	308.00	
30-8A	10	900	900	-5	4	0.000	DS		0.62	303.00	
30-8A	11	1000	1000	-6	5	0.000	DS		0.52	289.00	
30-8A	12	1100	1100	-7	5	0.000	DS		0.67	303.00	
30-8A	13	1200	1200	-8	6	0.000	DS		0.72	292.00	
30-8A	14	1300	1300	-9	6	0.000	DS		0.60	287.00	
30-8A	15	1400	1400	-10	7	0.000	DS		0.63	274.00	
30-8A	16	1500	1500	-11	6	0.000	DS		0.63	259.00	
30-8A	17	1600	1600	-12	6	0.000	DS		0.80	250.00	
30-8A	18	1700	1700	-13	6	0.000	DS		0.80	249.00	
30-8A	19	1800	1800	-15	5	0.000	DS		0.75	243.00	
30-8A	20	1900	1900	-16	4	0.000	DS		0.82	241.00	
30-8A	21	2000	2000	-17	4	0.000	DS		0.78	236.00	
30-8A	22	2100	2100	-18	3	0.000	DS		0.97	227.00	
30-8A	23	2200	2200	-20	1	0.000	DS		1.12	224.00	
30-8A	24	2300	2300	-21	0	0.000	DS		1.08	228.00	
30-8A	25	2400	2400	-22	-1	0.000	DS		1.17	220.00	
30-8A	26	2500	2500	-23	-3	0.000	DS		1.20	211.00	
30-8A	27	2600	2600	-24	-5	0.000	DS		1.23	207.00	
30-8A	28	2700	2700	-25	-7	0.000	DS		1.32	203.00	
30-8A	29	2800	2800	-26	-9	0.000	DS		1.43	198.00	
30-8A	30	2900	2900	-27	-12	0.000	DS		1.52	193.00	
30-8A	31	3000	3000	-27	-14	0.000	DS		1.58	189.00	
30-8A	32	3100	3100	-28	-17	0.000	DS		1.52	188.00	
30-8A	33	3200	3200	-28	-20	0.000	DS		1.63	174.00	
30-8A	34	3300	3300	-27	-22	0.000	DS		1.62	153.00	
30-8A	35	3400	3399	-26	-25	0.000	DS		1.62	148.00	
30-8A	36	3500	3499	-24	-27	0.000	DS		1.38	143.00	
30-8A	37	3600	3599	-23	-29	0.000	DS		1.02	134.00	

FORM 10

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
AMOCO ROCMOUNT COMPANY
PO BOX 800
DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT ☐ **(Highlight Changes)**

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

OMMENTS: _____

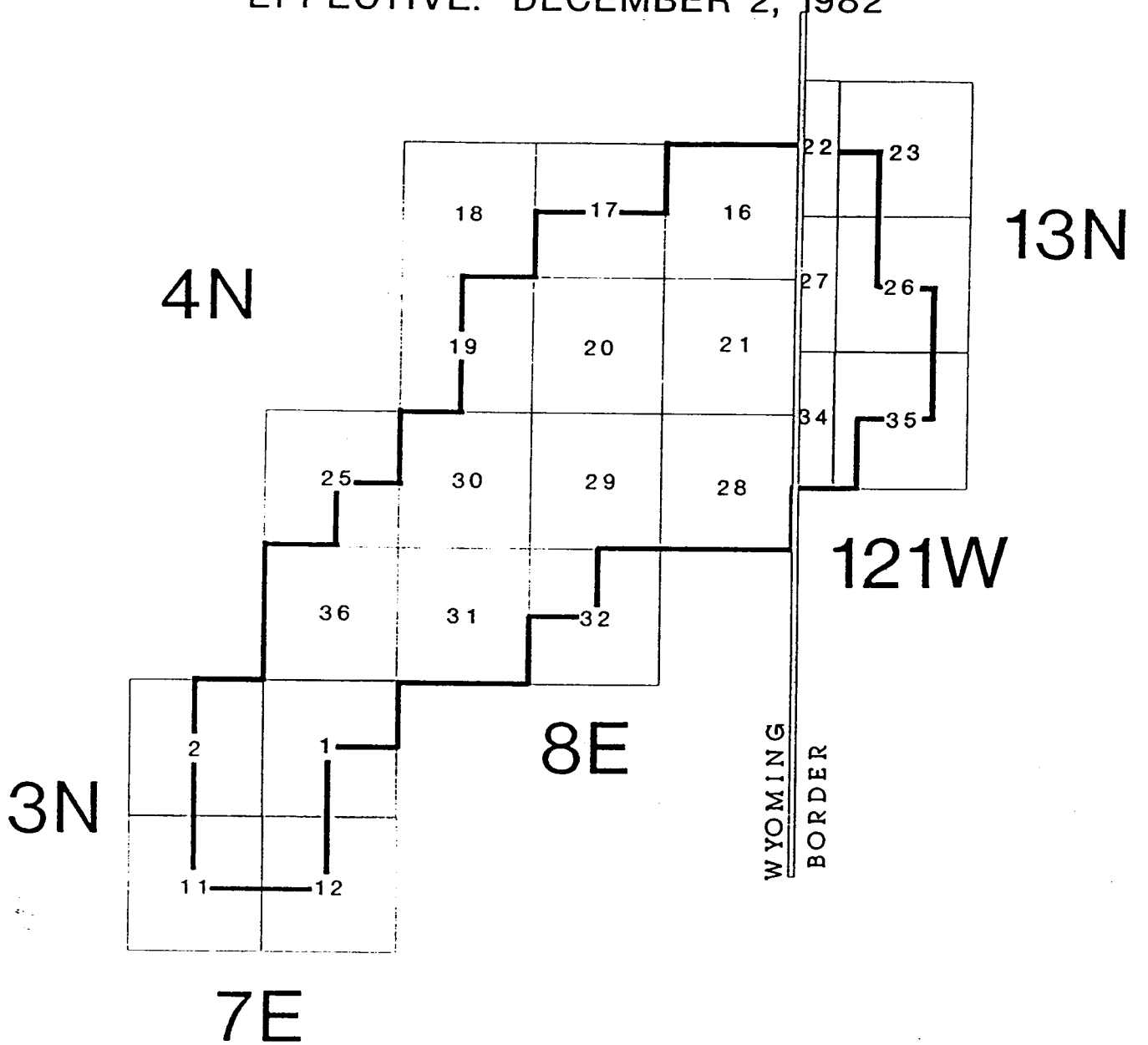
hereby certify that this report is true and complete to the best of my knowledge. Date: _____

ame and Signature: _____ Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

FORM 9

STATE OF UTAH

DIVISION OF OI' GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name: Anschutz Ranch East

8. Well Name and Number: W30-06

9. API Well Number: 43-043-30273

10. Field and Pool, or Wildcat: Anschutz Ranch

Type of Well: OIL ☐ GAS ☒ OTHER:

Name of Operator: Amoco Production Company

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

Location of Well
Footages: 1645' FWL X 2393' FSL
QQ, Sec.,T.,R.,M.: Sec. 30-T4N-R8E

County: Summit

State: Utah

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 12/15/97

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.)

The following procedure was performed on the ARE W30-06

1. Pulling the 4 1/2" tubing that was in the well
2. Setting a CIBP at 13,870'
3. Bailing 10' of cement on top of CIBP
4. Running 3 1/2" tubing and packer set at 13,458' to surface
5. Swabbing
6. Returning the well to production on 12/15/97.

Name & Signature: T. G. Martinez Title: Permit Agent Date: 1/6/98

(Space for State use only)

WO tax credit 8/98

RECEIVED JAN 13 1998 DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

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

7. Unit Agreement Name: W30-06

8. Well Name and Number:

9. API Well Number: 43-043-30273

10. Field and Pool, or Wildcat: Anschutz Ranch

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of 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

Footages: 1645' FWL, 2393' FSL

QQ, Sec.,T.,R.,M.: Sec 30, 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 _____

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.

RECEIVED 1998 DIV. OF OIL, GAS & MINING

13.

Name & Signature: G. G. Martinez

Title: Permit Agent

Date: 2/5/98

(This 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

ATTN: Lisha Cordova 4 pages

801-359-3904

Ed Hadlock
Amoco Prod. Co
303-830-4993

CERTIFICATE OF DISSOLUTION

OF

AMOCO ROCMOUNT COMPANY

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

DOES HEREBY CERTIFY:

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

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

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

DIRECTORS

NAMES	ADDRESSES
J. M. Brown	501 WestLake Park Boulevard Houston, TX 77079
J. M. Gross	501 WestLake Park Boulevard Houston, TX 77079
D. H. Welch	200 East Randolph Drive Chicago, IL 60601

OFFICERS

NAMES	OFFICES	ADDRESS
J. M. Brown	President	501 WestLake Park Blvd. Houston, TX 77079
M. R. Gile	Vice President	1670 Broadway Denver, CO 80202
J. N. Jaggers	Vice President	1670 Broadway Denver, CO 80202

NAMES	OFFICES	ADDRESS
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

By _____
M. R. Gile, Vice President

ATTEST:

By Rebecca S. McGee
Assistant Secretary

STATE OF COLORADO)
) ss.
CITY OF DENVER)

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

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

Sheryl A. White
Notary Public

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

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

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

February 26, 1998

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

Re: Notification of Sale or Transfer of Fee Lease Interest

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

Well Name	Sec.-T.-R.	API Number
(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

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

Your assistance in this matter is appreciated.

Sincerely,

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)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	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.

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

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

TO: (new operator) AMOCO PRODUCTION COMPANY
(address) PO BOX 800
DENVER CO 80201
Phone: (303)830-5340
Account no. N0050

FROM: (old operator) AMOCO ROCMOUNT COMPANY
(address) PO BOX 800
DENVER CO 80201
ED HADLOCK
Phone: (303)830-5340
Account no. N1390

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

Name:	API:	Entity:	S	T	R	Lease:
SEE ATTACHED	43-043-30273					

OPERATOR CHANGE DOCUMENTATION

LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 2-19-98) (Rec'd 2-26-98)

LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 2-11-98)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____.

N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.

LEC 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (2-26-98) X QuattroPro/UIC "No Chg." , DBASE/UIC "No Chg." (See comments)

LEC 6. **Cardex** file has been updated for each well listed above. (2-26-98)

LEC 7. Well **file labels** have been updated for each well listed above. (2-26-98)

LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-26-98)

LEC 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 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 Rocmount Co.

Lec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.

Lec 2. A **copy of this form** has been placed in the new and former operator's bond files.

Lec 3. The **FORMER** operator has requested a release of liability from their bond (yes/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/Lec 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.

Lec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated Feb. 26, 1998, of their responsibility to notify all interest owners of this change.

FILMING

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

FILING

CHD 1. **Copies** of all attachments to this form have been filed in each **well file**.

__ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: See Attached

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

8. WELL NAME and NUMBER: See Attached

2. NAME OF OPERATOR: Amoco Production Company

9. API NUMBER: Attached

3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd CITY Houston STATE TX ZIP 77079

PHONE NUMBER: (281) 366-5328

10. FIELD AND POOL, OR WILDCAT: See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

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

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

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

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

NAME (PLEASE PRINT) Alan Wood

TITLE Regulatory Engineer

SIGNATURE

DATE 12/11/2001

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF OIL, GAS AND MINING

(5/2000)

(See Instructions on Reverse Side)

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.

[Corporate Seal]

M. S. Haskins

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

(Notary Seal)

DENISE ROBERTSON
Notary Public, State of Texas
My Commission Expires
October 12, 2004

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
-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
-043-30183-00-00	AMOCO PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
-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

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	Sec	Twp-Rng
43-043-30220-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30226-00-00	AMOCO PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	28	4N-8E
43-043-30227-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W36-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30228-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30229-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30231-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30238-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30248-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-12A	GIW	Active Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30250-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
-043-30251-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30255-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30257-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	28	4N-8E
43-043-30265-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W2-10	GIW	Active Well	ANSCHUTZ RANCH EAST	2	3N-7E
43-043-30270-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30271-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30272-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W19-08	GIW	Active Well	ANSCHUTZ RANCH EAST	19	4N-8E
43-043-30273-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30277-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W11-1	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	11	3N-7E
43-043-30279-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-13	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	25	4N-7E
43-043-30280-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-05	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30283-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W12-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	2	3N-7E
43-043-30286-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-09	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30291-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-03	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

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

Enter date after each listed item is completed

Change of Operator (Well Sold) — Designation of Agent

X Operator Name Change — Merger

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

FROM: (Old Operator):	**TO:** (New Operator):
AMOCO PRODUCTION COMPANY	BP AMERICA PRODUCTION COMPANY
Address: 501 WESTLAKE PARK BLVD	Address: 501 WESTLAKE PARK BLVD
HOUSTON, TX 77079	HOUSTON,TX 77079
Phone: 1-(281)-366-5328	Phone: 1-(281)-366-5328
Account N0050	Account N1990

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

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W20-08	43-043-30123	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-02	43-043-30218	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-06	43-043-30273	4540	30-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-15	43-043-30216	4540	30-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W30-08	43-043-30164	4540	31-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W31-04E	43-043-30165	4540	31-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W31-05	43-043-30280	4540	31-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W31-06	43-043-30217	4540	31-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W31-12	43-043-30190	4540	31-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W32-04	43-043-30162	4540	32-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

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

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

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

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

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

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

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

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

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

DATA ENTRY:

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

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

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

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

STATE BOND VERIFICATION:

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

INDIAN BOND VERIFICATION:

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

FEDERAL BOND VERIFICATION:

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

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

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

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

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
8. WELL NAME and NUMBER: ARE W30-06
9. API NUMBER: 4304330273
10. FIELD AND POOL, OR WILDCAT: ANSCHUTZ RANCH EAST

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

2. NAME OF OPERATOR: BP AMERICA PRODUCTION COMPANY SUITE A

3. ADDRESS OF OPERATOR: 1013 CHEYENNE DR. CITY EVANSTON STATE WY ZIP 82930 PHONE NUMBER: (303) 423-5749

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2393 FSL X 1645 FWL COUNTY: SUMMIT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 30 4N 8E STATE: UTAH

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

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

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

The ARE W30-06 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
DIV. OF OIL, GAS & MINING

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

November 19, 2003
Utah Division of Oil, Gas and Mining

NAME (PLEASE PRINT) Kristina A.Lee TITLE Regulatory Specialist

SIGNATURE Kristina A Lee DATE 3/17/2003

(This space for State use only)

INFORMATION REQUIRED TO EXTEND SI/TA OF WELL

Well Name and Number:	ARE W30-06
API Number:	43-043-30273
Operator:	Merit Energy Company
Reference Document:	Original Sundry dated March 17, 2003, received by DOGM on March 27, 2003

The well has been Shut-in/Temporarily Abandoned for *5 years 2 months*. 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 ☐ GAS WELL ☐ OTHER See Attached

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

10. FIELD AND POOL, OR WILDCAT: See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ 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. Dilm 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
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	686	W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1592	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2460	E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	618	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1283	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	968	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1286	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENW	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENW	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENW	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENW	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENW	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1780	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

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

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

X **Change of Operator (Well Sold)** — **Designation of Agent/Operator**

Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **7/1/2003**

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

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

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W01-12	01	030N	070E	4304330271	4540	FEE	GW	S
ARE W12-04	02	030N	070E	4304330283	4540	FEE	GW	P
ARE W11-1	11	030N	070E	4304330277	4540	FEE	GW	S
ARE W30-13	25	040N	070E	4304330279	4540	FEE	GW	S
ARE W19-08	19	040N	080E	4304330272	99990	FEE	GI	I
ARE W20-09	20	040N	080E	4304330286	4540	FEE	GW	P
ARE W20-03	20	040N	080E	4304330291	4540	FEE	GW	S
ARE W30-06	30	040N	080E	4304330273	4540	FEE	GW	S
ARE W31-05	31	040N	080E	4304330280	4540	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

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

Michael O. Leavitt
Governor

Robert L. Morgan
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 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

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

Well File
43-043-30273

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).

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
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

Attachment A

C'nt

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:

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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).

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7223 • *www.ogm.utah.gov*

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Where ideas connect

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
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20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months

Attachment A

MERIT ENERGY COMPANY

13727 Noel Road, Suite 500
Dallas, TX 75240
Ph: 972-701-8377 **Fx:** 972-960-1252
www.meritenergy.com

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.

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DIV. OF OIL, GAS & MINING

- **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

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: clintondworshak@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. Dworshak,

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 recomplete 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 recompletion procedures 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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7223 • *www.ogm.utah.gov*

Utah!
Where ideas connect

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Attachment A

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.

- 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

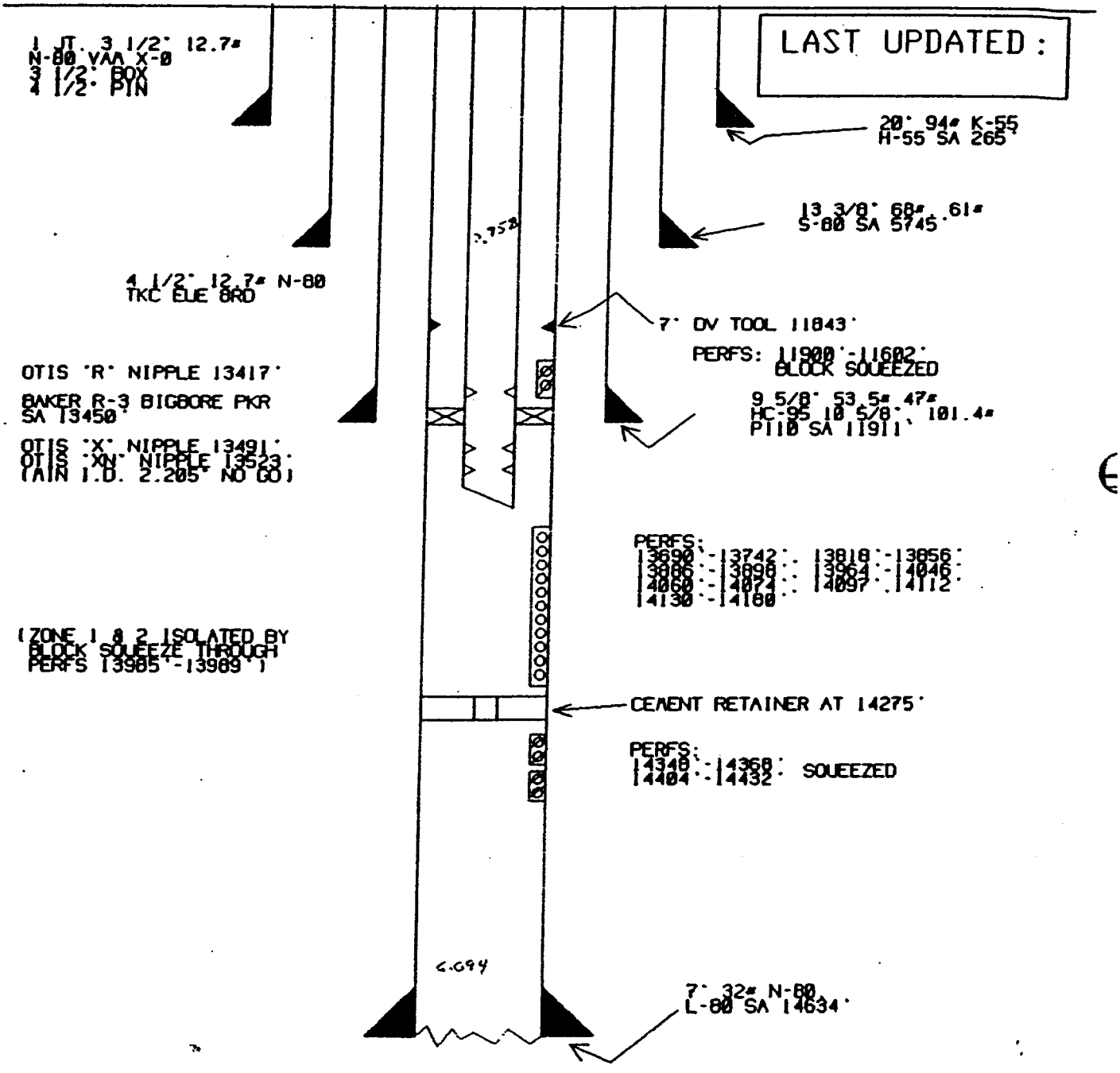
- ARE W31-04
  - Packer at 14,000
  - Top of cement (TOC) at 11,900
  - Tubing Pressure 1100#
  - Casing Pressure 50#
  - This well is a horizontal sidetrack. The primary cement job on the original production casing had a TOC at 11,900. The kick-off point for the horizontal leg is below this depth. Additionally, 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 WELLBORE DIAGRAM
W30-06A

LOCATION: 1643' FWL X 2393' FSL. SEC. 30. T4N. R8E
ELEVATION: 7900' KB / 7871' GL



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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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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 Amoco #C-1	43-043-30143	1250 0	0 0	perfs 6648' Shut In	?	?
3	ARE# W16-06	43-043-30138	0 0	0 0	Shut In	?	±2100' ?
4	ARE# W01-12	43-043-30271	600 300	0 0	Shut In	4181	7500-9000'
5	ARE# W30-02	43-043-30218	0 0	0 0 no packer	Shut In	?	8200' ?
6	ARE# W36-14	43-043-30255	2200 400	1500 0	Shut In perfs 14,066	3420	Perfs
7	ARE# W30-06	43-043-30273	0 0	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 0	Shut In	3030	7500-9000'
10	ARE# W19-16	43-043-30204	1400 1000	0 0	Shut In	2645	Perfs
11	ARE# W20-04	43-043-30238	0 0	0 0	Shut In	?	9600 ?
12	ARE# W31-12	43-043-30190	20 100	100 450 no packer	Shut In	3494	1000' 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 Perfs 12816	4570	6000-7500'
17	ARE#16-12	43-043-30231	0 50	0 0	Shut In	4781	1500-3000'
18	Champlin 387 #B-1A	43-043-30168	0 0	0 0	Shut In	?	5200 ?
19	ARE# W17-16	43-043-30176	1100 0	0 0	Shut In Perfs 13806'	4734	8400' 3000-4500'
20	ARE# E21-14	43-043-30130	200	150	Producing	3926	Perfs

Pressure Tested to 1000 psi 1200 psi
Pressure test to 500 psi. 10/30/04
Pressure test to 1500 psi 9/2/03
11/4/04 Ran cement stopping pipe, pulled tubing

Champlin 372 → Pressure from 0 to 1250 psi (tubing) ??? No FL perfs @ 6648' ?? BHP

ARE36-14 → Csg pressure from 1500 to 0 Tbg press from 2200 to 400 FL@14066' perfs@14066' BHP=3420 psi (1732 psi surf) Grad=0.0867 psi/ft

ARE W16-14 → Tbg from 0 to 1500 psi Csg remained @ ±850 psi FL@ [illegible]', perfs@12816 BHP=4570 psi FL @ ±[illegible]00' 565 ??? Grad = ±[illegible] psi/ft

ARE W17-16 → Tbg from 1100 to 0 FL from 4000' to 8400' FL@ 4000' perfs@13806 BHP=4734 psi FL @ 8400' Grad = 0.345 Grad = 0.315 psi/ft Grad = 0.690 psi/ft

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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 guages were incorrect last year or is their 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>
02/16/2005 04:04
PM

To <mike.mercer@meritenergy.com>

cc

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 occured 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

MERIT ENERGY COMPANY

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

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 mcfd. This is more than enough to justify the cost of the installation. Average production has been 200 mcfd 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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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 mmcfd 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

MERIT ENERGY COMPANY

13727 Noel Road, Suite 500
Dallas, TX 75240
Ph: 972-701-8377 Fx: 972-960-1252
www.meritenergy.com

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

Attachment A

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 & Mining

MARY ANN WRIGHT
Acting Division Director

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).

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,

Dustin Doucet
Petroleum Engineer

DKD:jc
Attachment
cc: Well File

ATTACHMENT A

4N 8E 30

	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	5Years 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

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

March 4, 2009

CERTIFIED MAIL NO.: 7004 1160 0003 0190 2563

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

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases
ARE W31-06 API #43-043-30217; ARE W30-02 API #43-043-30218; ARE W30-06 API #43-043-30273

4N 8E 30

Dear Mr. Tunnell:

As of January 2009, Merit Energy Company has three (3) Fee Lease Wells (see attachment A) that have recently been added as being in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

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 Utah Division of Oil, Gas & Mining (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 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, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

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

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

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

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File

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

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	ARE W31-06	43-043-30217	FEE	1 year 11 months
2	ARE W30-02	43-043-30218	FEE	1 year 4 months
3	ARE W30-06	43-043-30273	FEE	1 year 2 months

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

July 6, 2010

CERTIFIED MAIL NO. 7004 1160 0003 0190 4574

43 043 30273
ARE W30-06

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

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

Dear Ms. White:

As of June 30, 2010, Merit Energy Company (Merit) has eight (8) Fee Lease Wells that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status (see attachment A). These are in addition to the 7 wells given first notice and 10 wells issued a Notice of Violation this month as well. 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 August 26, 2008, the Division notified Merit by certified mail that wells 1 through 6 were in non-compliance or were about to be in non-compliance. Merit responded by letter dated October 17, 2008, and provided additional information at that time. Information was not provided for wells 5 and 6 on the attached list. The Division denied the request on January 21, 2009. Insufficient information was provided to approve the request for extended SI/TA. On February 2, 2009, the Division notified Merit by certified mail that wells 7 through 8 on the attached list were in non-compliance. Merit responded with a plan of action for all wells subject to this notice with the exception of wells 5 and 6 on the attached list by letter dated August 26, 2009. This plan of action also included plans for many of Merit's other non-compliance wells for which separate notices had been sent to Merit. It has been almost 1 year since the proposal was received and to date none of the proposed actions in that letter have been accomplished.

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

DKD/js
Attachment
cc: Well File
Operator Compliance File

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

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	ARE W31-08	4304330164	FEE	1.5
2	ARE W31-06	4304330217	FEE	3.4
3	ARE W20-12	4304330220	FEE	1.10
4	ARE E28-06	4304330226	FEE	1.5
5	ARE W36-08	4304330167	FEE	2.7
6	ARE 29-04ST1	4304330129	FEE	2.7
7	ARE W30-02	4304330218	FEE	2.9
8	ARE W30-06	4304330273	FEE	2.7

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: ARE W30-06

2. NAME OF OPERATOR: MERIT ENERGY COMPANY

9. API NUMBER: 43043302730000

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: 2393 FSL 1645 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 30 Township: 04.0N Range: 08.0E Meridian: S

COUNTY: SUMMIT

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 11/1/2015
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Merit Energy Company request approval to Plug & Abandon the above referenced well according to the attached producer and WBD's.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 29, 2015

By: Dark K Quist

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Katherine McClurkan	972 628-1660	Regulatory Analyst
SIGNATURE N/A		**DATE** 10/14/2015

RECEIVED: Oct. 14, 2015

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43043302730000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338. 2. Move Plug #2: This plug should be moved down hole and spotted across the Twin Creek formation top from ±11900' to 11800' (20 sx minimum). 3. Add Plug #3: A 100' plug (±20 sx) shall be spotted across the Preuss formation top from ±10400' to 10300'. This will isolate the salt zones from fresh waters uphole. 4. Note Plug #5: CICR shall be set @ ±5745'. 5. All balanced plugs shall be tagged to ensure that they are at the depth specified. 6. All annuli shall be cemented from a minimum depth of 100' to the surface. 7. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5). 8. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. 9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply. 10. 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. 11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

RECEIVED: Oct. 29, 2015

Wellbore Diagram

API Well No: 43-043-30273-00-00 **Permit No:** **Well Name/No:** ARE W30-06

Company Name: MERIT ENERGY COMPANY

Location: Sec: 30 T: 4N R: 8E Spot: SENW

Coordinates: X: 492557 Y: 4544499

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	265	26			
COND	265	20	94		
HOL2	5745	17.5			
SURF	5745	13.375	68		
HOL3	11911	12.25			
I1	11911	9.625	53.5		2.517
HOL4	14634	8.5			
PROD	14634	7	32		4.937
T1	13636	2.875			
PKR	13458				
CIBP	13870				
UNK	11843				

9 5/8" x 7" → 7.689
12 1/4" x 9 5/8" (108) → 2.062
13 3/8" x 9 5/8" → 2.982

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	265	0	A	1000
I1	11911	9432	H	675
PROD	14634	9455	A	577
SURF	5745	0	A	4200

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
13690	14180			

Formation Information

Formation	Depth
PREUS	10329
WTCYN	12706
BNDRG	13109
RICH	13163
SLDRK	13460
GYPSP	13560
NGSD	13577

Plug #7
IN 9 5/8" 100' = 30 sx
7" 100' = 12 sx
60 sx total ✓ ok

Plug #6
Below IN 50' = 9 sx
OUT 9 5/8" (31 sx)(1.15)(2.982) = 106'
7" (13 sx)(1.15)(7.689) = 115'
Above 10 sx = 56' TOC @ 3189 ✓ ok

Plug #5
* CICR @ 5745'
Below IN 50' = 9 sx
OUT 50'/(1.15)(2.062) = 21 sx
9 5/8" - (30 sx)(1.15)(2.982) = 102' TOC @ 5625'
7" - (30 sx)(1.15)(7.689) = 227' TOC @ 5518'
Above (40 sx)(1.15)(4.937)

Plug #4
Below IN 50'/(1.15)(4.937) = 9 sx
OUT 9 5/8" (85 sx)(1.15)(2.062) = 201' ✓
7" (26 sx)(1.15)(7.689) = 230' ✓
Above (30 sx)(1.15)(4.937) = 170' TOC @ 8420' ✓ ok.

* Add Plug #3
* 100' (20 sx) min plug across Preuss fr. 10,400' to 10,300'
* move 11900' to 11800'

Plug #2
(20 sx)(1.15)(4.937) = 113'
TOC @ 11800'

Plug #1
Below (140 sx)(1.15)(4.937) = 794'
Above (10 sx)(1.15)(4.937) = 56'
CIBP @ 13870 w/10' cmt
TOC @ 13584' ✓ ok

TD: 14634 **TVD:** 14530 **PBTD:** 14275

ARE W 30-06
API# 43-043-30273
NE-SW Sec 30 T04N-R08E
2393' FSL & 1645' FWL
Anschutz Field
Summit County, Utah

Plug & Abandoned Well

GL: 7,876'
TD: 14,636'
PBTD: 14,636'
Lat/Long: 41.05169, -111.08857

Perforations:

Nugget – 13690' to 14,180'

Casing/ Tubing:

Surface: 13-3/8" 61-68# at 5,745' **Hole size:** 17-1/2" **TOC:** Surface
Intermediate: 9-5/8" and 10-5/8" 47-101.4# at 11,911' **Hole size:** 12-1/4" **TOC:** 9,432' (Calc)
Production: 7" 32# 0'-14,636' **Hole size:** 9-1/2" **TOC:** 9,455' (Calc)
Tubing: 2-7/8" N-80 at 13,636'

Procedure:

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure
    - (If present call Logan Lowenstein #281-235-9207 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, ND wellhead, NU BOP
5. TOH and tally tubing, stand back 13,640', LD remaining tubing and BHA
6. PU 7" 32# casing scraper and bumper sub, TIH to 13,640', TOH, LD BHA
7. PU 7" 32# CICR, TIH and set at 13,640'
8. Pressure test tubing, establish IR into CICR, pressure test casing to 500 psi for 15 minutes
    - (If no IR or pressure test(s) fail, call Logan Lowenstein and Craig Owen for orders)
9. Pump 150 sxs of 15.8# class G neat 1.15 cu. ft./sack yield cement, 140 sxs under and 10 sxs on top
    - (95 sxs is 540' inside 7" 32# casing, + 45 sxs excess, 10 sxs is 56' inside 7" casing, TOC: 13,583')
10. TOH, LD to 13,000'
11. Roll hole with 468 bbls water with corrosion inhibitor
12. TOH, LD to 11,140'
13. Pump 20 sxs of 15.8# class G neat 1.15 cu. ft./sack yield cement balance plug
    - (20 sxs is 130' inside 7" 32# casing, TOC: 11,026')
14. TOH, stand back 8,590'
15. RU wireline, TIH and perf 7" casing at 8,640' through 7" and 9-5/8" casings, TOH, RD wireline

RECEIVED: Oct. 14, 2015

ARE W 30-06
API# 43-043-30273
NE-SW Sec 30 T04N-R08E
2393' FSL & 1645' FWL
Anschutz Field
Summit County, Utah

Plug & Abandoned Well

16. Establish IR into perfs in 7" X 9-5/8" annulus and 9-5/8" X 13-3/8" annulus
    - (If no IR call Logan Lowenstein and Craig Owen for orders)
17. PU 7" 32# CICR, TIH and set at 8,590'
18. Pump 150 sxs of 15.8# class G neat 1.15 cu. ft./sack yield cement , 94 sxs in 9-5/8" X 13-3/8" annulus, 26 sxs into 7" X 9-5/8" annulus and 30 sxs on top of CICR
    - (94 sxs is 227' inside 9-5/8 X 13-3/8" annulus, 26 sxs is 188' in 7" X 9-5/8" annulus, 30 sxs is 170' in 7" casing, TOC: 8,419')
19. TOH, stand back 5,795' to derrick
20. RU wireline, TIH and perf at 5,795' with high penetration charges through 7" and 9-5/8" casings, TOH, RD wireline
21. TIH tubing to 5,795'
22. Establish circulation in 7" and 9-5/8" annulus and 9-5/8" and 13-3/8" annulus
23. Pump 130 sxs of 15.8# class G neat 1.15 cu. ft./sack yield cement, displacing 60 sxs into 9-5/8" X 13-3/8" annulus, 30 sxs into 7" X 9-5/8" annulus and leaving 40 sxs inside 7" casing
    - (60 sxs is 219' in 9-5/8" X 13-3/8" annulus, 30 sxs is 239' inside 7" X 9-5/8" annulus, 40 sxs is 214' inside 7" casing, TOC: 5,581')
24. TOH, WOC
25. TIH and tag to verify TOC at 5,695' or shallower
26. TOH, stand back 3,245' to derrick
27. RU wireline, TIH and perforate 7" and 9-5/8" casings at 3,295', TOH, RD wireline
28. Establish circulation through 7" X 9-5/8" annulus and 9-5/8" X 13-3/8" annulus
29. PU 7" 32# CICR, TIH and set at 3,245'
30. 30. Pump 63 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement displacing 40 sxs into 9-5/8" X 13-3/8" annulus, 13 sxs into 7" X 9-5/8" annulus and leaving 10 sxs inside 7" casing
    - (40 sxs is 96' in 9-5/8" X 13-3/8" annulus, 13 sxs is 94' inside 7" X 9-5/8" annulus, 10 sxs is 56' inside 7" casing, TOC: 3,189')
31. TOH, LD tubing
32. RU wireline, TIH and perforate 7" and 9-5/8" casings at 100', TOH, RD wireline
33. Establish circulation to surface
34. Pump 75 sxs of 15.8# class G neat 1.15 cu. ft./sack yield cement to surface in casing and annulus
35. Dig up wellhead and cut off 3' below ground level
36. Weld on cap with ID plate, backfill, clean location, P&A complete

RECEIVED: Oct. 14, 2015

ARE W30-06 Current WBD

COUNTY:	SUMMIT	ST:	UT	FIELD:	Anschutz	TD:	14,634'
QTR QTR:	NESW	SEC:	30	API #:	43-043-30273	PBTD:	14,530'
UPDATED:	06/03/14	TWN:	4N	SPUD DATE:	07/17/85	KB:	7,900'
UPDATED BY:	Max Berglund	RNG:	8E	MAX TEMP:	212 °F	GL:	7,876'

CASING DETAILS

PURPOSE	TOC	CMT	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	SURF	4700 SX	13-3/8"	61 & 68#	S-80	5,745'
INTERMEDIATE		675 SX	9-5/8 & 10-5/8"	47, 53.5 & 101.4#	HC-95 & P-110	11,911'
PRODUCTION		577 SX	7"	32#	N & L-80	14,636'

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
LANDING PUP				
X OVER HANGER				
109.5 STANDS TUBING	2-7/8"	7.9#	P-110 PH6	
108.5 STANDS TUBING	2-7/8"	6.5#	N-80	
1 JT	2-7/8"	6.5#	N-80	
XN NIPPLE				
1 JT	2-7/8"	6.5#	N-80	
DRAIN SUB				
1 JT	2-7/8"	6.5#	N-80	
8' TUBING PUP	2-7/8"	6.5#	N-80	
X OVER				
ESP ASSEMBLY				13,646.12'
270' 3/8" STEEL INJECTION LINE BANDED LAST 9 JTSTO OUTSIDE OF TUBING WITH ESP CABLE				

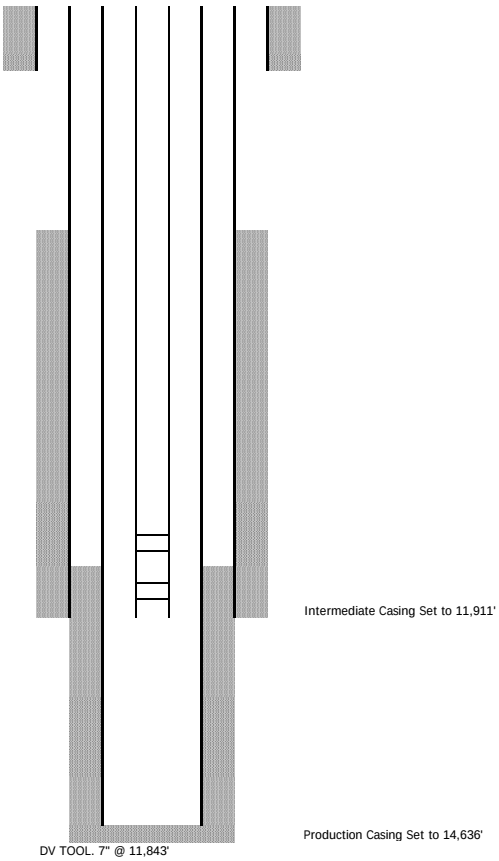
Based on pull-run dated 7/27/2007

PERFORATIONS

DATE	TOP	BOTTOM	GROSS	HOLES	SPF
12/30/1985	**13,690'**	**13,742'**	**52'**	208	4
12/30/1985	**13,818'**	**13,856'**	**38'**	152	4
12/30/1985	**13,886'**	**13,898'**	**12'**	48	4
12/30/1985	**13,964'**	**14,046'**	**82'**	328	4
12/30/1985	**14,060'**	**14,074'**	**14'**	56	4
12/30/1985	**14,097'**	**14,112'**	**15'**	60	4
12/30/1985	**14,130'**	**14,180'**	**50'**	200	4

FORMATION TOPS	
PREUSS	10,329'
WATTON CANYON	12,706'
BOUNDRY RIDGE	13,109'
RICH	13,163'
SLIDE ROCK	13,460'
GYPSUM SPRINGS	13,560'
NUGGET	13,577'

30-06 Diagram



RECEIVED: Oct. 14, 2015

ARE W30-06 Proposed WBD

COUNTY:	SUMMIT	ST:	UT	FIELD:	Anschutz	TD:	14,634'
QTR QTR:	NESW	SEC:	30	API #:	43-043-30273	PBTD:	14,530'
UPDATED:	06/03/14	TWN:	4N	SPUD DATE:	07/17/85	KB:	7,900'
UPDATED BY:	Max Berglund	RNG:	8E	MAX TEMP:	212 °F	GL:	7,876'

CASING DETAILS

PURPOSE	TOC	CMT	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	SURF	4700 SX	13-3/8"	61 & 68#	S-80	5,745'
INTERMEDIATE		675 SX	9-5/8 & 10-5/8"	47, 53.5 & 101.4#	HC-95 & P-110	11,911'
PRODUCTION		577 SX	7"	32#	N & L-80	14,636'

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
LANDING PUP				
X OVER HANGER				
109.5 STANDS TUBING	2-7/8"	7.9#	P-110 PH6	
108.5 STANDS TUBING	2-7/8"	6.5#	N-80	
1 JT	2-7/8"	6.5#	N-80	
XN NIPPLE				
1 JT	2-7/8"	6.5#	N-80	
DRAIN SUB				
1 JT	2-7/8"	6.5#	N-80	
8' TUBING PUP	2-7/8"	6.5#	N-80	
X OVER				
ESP ASSEMBLY				13,646.12'
270' 3/8" STEEL INJECTION LINE BANDED LAST 9 JTSTO OUTSIDE OF TUBING WITH ESP CABLE				

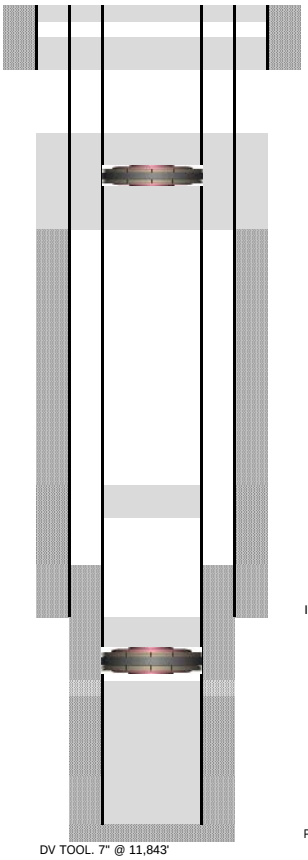
Based on pull-run dated 7/27/2007

PERFORATIONS

DATE	TOP	BOTTOM	GROSS	HOLES	SPF
12/30/1985	**13,690'**	**13,742'**	**52'**	208	4
12/30/1985	**13,818'**	**13,856'**	**38'**	152	4
12/30/1985	**13,886'**	**13,898'**	**12'**	48	4
12/30/1985	**13,964'**	**14,046'**	**82'**	328	4
12/30/1985	**14,060'**	**14,074'**	**14'**	56	4
12/30/1985	**14,097'**	**14,112'**	**15'**	60	4
12/30/1985	**14,130'**	**14,180'**	**50'**	200	4

FORMATION TOPS	
PREUSS	10,329'
WATTON CANYON	12,706'
BOUNDRY RIDGE	13,109'
RICH	13,163'
SLIDE ROCK	13,460'
GYPSUM SPRINGS	13,560'
NUGGET	13,577'

30-06 Diagram



Intermediate Casing Set to 11,911'

Production Casing Set to 14,636'

DV TOOL. 7" @ 11,843'

RECEIVED: Oct. 14, 2015

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 W30-06

2. NAME OF OPERATOR: MERIT ENERGY COMPANY

9. API NUMBER: 43043302730000

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: 2393 FSL 1645 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 30 Township: 04.0N Range: 08.0E Meridian: S

COUNTY: SUMMIT

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 1/14/2016
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Merit Energy Plugged and Abandon the aforementioned well on 1/14/2016 witnessed by Lisha Cordova Field Inspector with Utah Division of Oil, Gas, and Mining. Please see the attached Daily Summary for details of work done.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 19, 2016

NAME (PLEASE PRINT) Katherine McClurkan

PHONE NUMBER 972 628-1660

TITLE Regulatory Analyst

SIGNATURE N/A

DATE 1/19/2016

RECEIVED: Jan. 19, 2016

MERIT ENERGY COMPANY

Job Daily Summary- State Report

Support Line: 972-628-1700 #1
Report Date:
Report #

Well Name: ARE W 30 06

Accounting ID	Original Spud Date	Operator	SAP API Number	Lease	Unit Name
7621-01		MERIT ENERGY COMPANY	004304330273	Unassigned	
Working Interest	**Original KB Elevation (ft)**	**SAP Latitude**	**SAP Longitude**	**Total Depth**	**KB Adjustment (ft)**
0.5962		41.0517500000	-111.0878300000		
Field Name	**County**	**State/Province**	**Field Office**	**Accounting Group**	**Producing Status**
ANSCHUTZ RANCH EAST	SUMMIT	UTAH	ANSHUTZ	Anschutz Ranch Unit	Producing Gas

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

Daily Operations

Report Start Date	Primary Activity
11/5/2015	MIRU

Operations Summary
MIRU

Report Start Date	Primary Activity
11/6/2015	R/U

Operations Summary
Held safety mtg, SITP 50psi , SICP 50psi, R/U rig, blew well down to flare pit, nipple down well head, nipple up BOPs, R/U floor, Spot support equipment, secure well, SDWO.

Report Start Date	Primary Activity
11/9/2015	POH 2 7/8" tbg L/D ESP

Operations Summary
Held safety mtg, SITP 0# SICP 0#, P/U 10' pup 2 7/8" P110 EUE landing jt, release hanger Pull wt 130K (Note: hanger would not come free from spool had to work up spool came free) pull wt off bottom 120K, L/D landing jt w/ hanger, X over 2 7/8" EUE pin x 2 7/8" PH6 pin, Stand back 217 jts 2 7/8" PH6 P110 7.9# tbg, spool up 300' 3/8"ss cap string, spooling ESP wire cable, L/D X over 2 7/8" PH6 box x 2 7/8" EUE pin, Stand back 218 jts 2 7/8" 6.5# N-80 EUE tbg w/ XN nipple, L/D drain sub, secure well SDON.

Report Start Date	Primary Activity
11/10/2015	L/D ESP / TIH 2 7/8" tbg / N/D BOPs / N/U well head

Operations Summary
Held safety mtg, SIP 0#, L/D 1 jt 2 7/8 6.5# N80 EUE tbg, 8' 2 7/8" 6.5# N80 pup, X over 2 7/8" EUE box X 2 3/8" EUE pin, ESP assembly, R/D spooler, TIH 2 jts 2 7/8" tbg, XN nipple, 218 jts 2 7/8" 6.5# N80 EUE tbg out of derrick, X over 2 7/8" PH6 box X 2 7/8" EUE pin, 217 jts 2 7/8" 7.9# PH6 tbg out of derrick, P/U 10' pup 2 7/8" P110 EUE landing jt,w/ hanger hang off tbg, EOT 13567' R/D floor N/D BOPs N/U well head secure well SDON.

Report Start Date	Primary Activity
11/11/2015	RDMO

Operations Summary
RDMO

Report Start Date	Primary Activity
12/21/2015	MIRU

Operations Summary
SIP 15psi blew down to pit 15min, MIRU spot support equipment, unable to raise Derrick due to high winds rig on pads, E line on location secure location SDON.

Report Start Date	Primary Activity
12/22/2015	S/D due to weather conditions

Operations Summary
Magna S/D day early, go on scheduled days off, Magna be back 12/28/15.

Report Start Date	Primary Activity
12/28/2015	R/U / N/D well head / N/U BOPs

Operations Summary
Held safety mtg at plant, on location, (Contact State Utah Bart Kettele 1-435-820-0862 OK to proceed), R/U Derrick, NDWH, function test & N/U BOPs, R/U floor & support equipment, P/U 10' 2 7/8" EUE P-110 8.9# pup w/ TIW, release 7" hanger, POH L/D 10' 2 7/8" pup, w/ 7" hanger, X over 2 7/8" pin x 2 7/8" PH6 pin, P/U wt 98K, work up cold weather issues with air on rig, secure well SDON.

Report Start Date	Primary Activity
12/29/2015	POH 2 7/8" tbg / RIH GR/ set CICR

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Bart Kettele 1-435-820-0862 on location) POH stand back Talley out 217jts 2 7/8" PH6 7.9# P-110 tbg, X over 2 7/8" PH6 box X 2 7/8" EUE pin, 219 jts 2 7/8" 6.5# EUE N80 tbg, XN nipple, L/D 1 jt 2 7/8" 6.5# EUE N80 tbg, R/U E line, RIH 5.78 GR w/ junk basket, ccl, wt bar, cable head FN 1.44 OD, Tag up @ 11838' WLM (Note: DV tool 11843') POH, RIH 5.71 GR w/ junk basket, ccl, wt bar, cable head, depth 13690' WLM (Note: correlate to DV tool make +5' correction depth 11843' WLM) run collar strip, set CICR 5.69 OD @ 13640' WLM between collars, POH R/D E line (Note: FL 7300') secure well SDON.

Report Start Date	Primary Activity
12/30/2015	Work up support equipment due to cold weather issues

Operations Summary
Magna day, get equipment ready for water & cmt work.

Report Start Date	Primary Activity
12/31/2015	TIH 2 7/8" tbg

Operations Summary
Held safety mtg, (Contact State Utah Bart Kettele 1-435-820-0862 OK to proceed) P/U stinger, 1 jt 2 7/8" 6.5# N80 EUE tbg, (2) 6' 2 7/8" EUE pup, 8 jts 2 7/8" 6.5# N80 EUE tbg off rack, XN nipple, TIH 181 jts 2 7/8" 6.5# N80 EUE tbg out of derrick EOT 5477', sercure well SDWO.

Report Start Date	Primary Activity
1/4/2016	TIH 2 7/8" tbg

Operations Summary
Held safety mtg, SIP 0psi, TIH 38 jts 2 7/8" 6.5# N80 EUE tbg, 207 jts PH6 7.9# P-110 tbg, EOT 13522', load cmt into equipment haul to location, Haul 240 bbls FW to location, secure well SDON.

MERIT ENERGY COMPANY

Job Daily Summary- State Report

Support Line: 972-628-1700 #1
Report Date:
Report #

Well Name: ARE W 30 06

Accounting ID	Original Spud Date	Operator	SAP API Number	Lease	Unit Name
7621-01		MERIT ENERGY COMPANY	004304330273	Unassigned	
Working Interest	**Original KB Elevation (ft)**	**SAP Latitude**	**SAP Longitude**	**Total Depth**	**KB Adjustment (ft)**
0.5962		41.0517500000	-111.0878300000		
Field Name	**County**	**State/Province**	**Field Office**	**Accounting Group**	**Producing Status**
ANSCHUTZ RANCH EAST	SUMMIT	UTAH	ANSHUTZ	Anschutz Ranch Unit	Producing Gas

Daily Operations

Report Start Date	Primary Activity
1/5/2016	Load / Roll hole / Test csg

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite), Work up rig pump & water truck issues, Reverse circ 250 bbls FW w/ 5 gal C-6005 inhibitor per 100 bbls FW, catch pressure 400 psi 2.5 bpm see returns, Roll out hole 400 bbls FW w/ 5 gal C-6005 inhibitor per 100 bbls FW, see clean returns, TIH 4 jts 2 7/8" PH6 7.9# P-110 tbg, tag CICR 6' in on jt 439 EOT @ 13624'MD, test tbg 800 psi, sting into CICR set 20K down, get injection rate pump 30 bbls @ 2.5 bpm 0 = vac pressure, sting out of CICR stand back 4 jts 2 7/8" tbg, secure well SDON.

Report Start Date	Primary Activity
1/6/2016	Pump cmt plug

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite), Pump 38 bbls 2.5 bpm 0psi down tbg break circ, continue to circ & roll hole 116 bbls FW w/ C-6005 inhibitor see clean returns hole static, pressure test csg 500 psi bleed to 300 psi and holding 15 min, (Note: State Utah Lisha Cordova O.K to proceed), TIH 4 jts 2 7/8" tbg sting into CICR set 20K down, pressure csg 500 psi SI, get injection rate pump 30 bbls 2.5 bpm 0 psi, Mix & pump 150 sxs class G cmt, 15.8 ppg, 1.15 yield, slurry 30.6 bbls cmt, Pump 2 bbls FW, pump 130 sxs class G cmt, 15.8 ppg, 1.15 yield, slurry 26.6 bbls cmt below CICR displ 69.5 bbls FW w/ C-6005 inhibitor sqz off 1500 psi, sting out, (Note: Pump last 2 bbls cmt on top CICR), pump 10 sxs class G cmt 1.15 yield, 15.8 ppg, slurry 2 bbls cmt top CICR, TOC @ 13574',TOH L/D 10 jts 2 7/8" 7.9# PH6 P-110 tbg, (Note: pipe went wet, pressure up on both sides 1500 psi no success POH wet string), continue L/D 46 jts 2 7/8" tbg, stand back 72 jts 2 7/8" tbg, EOT 9803' secure well SDON.

Report Start Date	Primary Activity
1/7/2016	TOH 2 7/8" tbg / TIH 2 7/8" tbg

Operations Summary
Held safety mtg, SIP 0 psi, (State Utah Lisha Cordova 1-801-538-5296 onsite) TOH stand back 89 jts 2 7/8" PH6 7.9# P-110 tbg, X over, 201 jts 2 7/8" 6.5# N80 EUE tbg, L/D XN nipple, 27 (cmt) jts 2 7/8" 6.5# N80 EUE tbg, L/D stinger, TIH 332 jts 2 7/8" tbg out of derrick, EOT @ 10254' secure well SDON.

Report Start Date	Primary Activity
1/8/2016	TIH 2 7/8" tbg / Pump balance plug 11900' - 11800'

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite) TIH 104 jts 2 7/8" tbg in on jt 384 EOT @ 11901', Pump 92bbls FW w C-6005 inhibitor breack circ, Pump 2bbls FW, Mix & pump 30 sxs class G cmt 1.15 yield, 15.8#, slurry 6.1 bbls cmt, displ 62 bbls FW W/ C-6005 inhibitor, 166' plug TOC @ 11734' TOH stand back 36 jts 2 7/8" tbg jt 348, EOT @ 10746', reverse circ 75 bbls FW, Stand back 2 jts 2 7/8" tbg jt 346 EOT @ 10683' lower FL in csg for winter, retag in am, secure well SDON.

Report Start Date	Primary Activity
1/9/2016	TIH tag balance plug / pump balance plug

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite) TIH 22 jts 2 7/8" tbg out of derrick tbg went wet oily, jt 374, EOT @ 11565',TOH L/D 2 jts 2 7/8" tbg wet, stand back 2 jts tbg went dry, continue stand back 30 jts 2 7/8" tbg, jt 350 EOT @ 10809', Pump 4 bbls FW break circ, reverse cicr 65 bbls FW clean returns, TIH 29 jts 2 7/8" tbg, tag in on jt 379 TOC @ 11723', L/D 45 jts 2 7/8" tbg jt 337 10400', Pump 2bbls FW, Mix & pump 30 sxs class G cmt 1.15 yield, 15.8#, slurry 6.1 bbls cmt, displ 55 bbls FW W/ C-6005 inhibitor, 166' plug TOC @ 10234' TOH stand back 32 jts 2 7/8" tbg jt 303, EOT @ 9325', reverse circ 60 bbls FW, Stand back 2 jts 2 7/8" tbg jt 301 EOT @ 9230' lower FL in csg for winter, retag in am, secure well SDON.

Report Start Date	Primary Activity
1/10/2016	Tag balance plug / TOH / perforate

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite) TIH 32 jts 2 7/8" tbg, tag TOC @ 10264', Pressure test csg 500 psi 15 min, LD 58jts, Continue TOH stand back 278 jts 2 7/8" tbg, 8539' tbg in derrick, L/D 1 jt 2 7/8" tbg, R/U E line, RIH perf gun 4 spf, ccl, cable head FN 1.44 OD, run collar strip tie into collars perforate 8640' WLM between collars POH, R/D E line, secure well SDON.

Report Start Date	Primary Activity
1/11/2016	TIH w/ CICR / pump cmt plug

Operations Summary
Held safety mtg, SIP 20psi, (State Utah Lisha Cordova 1-801-538-5296 onsite), (Note: 12/29/15 run GR 5.78 OD depth 11843'), P/U (Nabors) CICR 5.69 OD, 1 jt 2 7/8" tbg, TIH 156 jts 2 7/8" tbg, tag up on jt 157 EOT @ 4796', POH stand back, 96 jts 2 7/8" tbg EOT @ 2942' see 15-20K over pull on tbg when POH, Tbg became stuck pulling 30K over, set down 4K, mechanical problems w/ CICR, Magna making call to work tbg, pull 50K over, set down 5-10K several times tbg start to move, continue POH stand back 60 jts 2 7/8" tbg L/D 1 jt 2 7/8" tbg see drag all way POH, (Note: lower slips broke apart, lost 1/2 down hole.) wait on Magna to make discussion on there end. secure well SDON.

Report Start Date	Primary Activity
1/12/2016	Set CICR & pump cmt plug

Operations Summary
Held safety meeting. M/U Nabors 7" x 10k CICR & TIH w/ 279-jts 2 7/8" tbg. Set the retainer @ 8,590' MD, load csg w/ 70 bbls & press tested to CICR to 500# (good test). Dig out, open & bled off 9 5/8" csg (20#). Load tbg & press up tbg to 1500# w/ no bleed off. Pull out of CICR, rev cir 5 bbls & sting back in. Press tbg back up to 1500# w/ no bleed off. Dig out, open & bled off surface csg (20#). Press back up to 1500# w/ no bleed off. Pull out of the CICR. Pump 2 bbls FW, 40 sxs class G cmt w/1.15 yield @ 15.8# = 8 bbls slurry (as per & witnessed by Lisha Cordova w/ state Utah) flush w/ 2 bbls FW & 46 bbls FW w/ C-6005 inhibitor (221.6' cmt plug w/ est TOC @ 8,368'). POH L/D 30-jts, rev cir tbg w/ 55 bbls FW w/ C-6005 inhibitor. L/D 2-jts, secure well on jt-265 @ 7,598' MD, drain hard lines & SDON.

Report Start Date	Primary Activity
1/13/2016	TOH 2 7/8" tbg / Perforeat @ 5795' / TIH 2 7/8" tbg

Operations Summary
Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite), TOH L/D 92 jts 2 7/8" tbg, stand back 186 jts 2 7/8" tbg, L/D 1 jt 2 7/8" tbg, R/U E line RIH ccl, perf gun 4spf perforate run collar strip correlate tie in collars perforate @ 5795', POH R/D Eline, M/U Nabors 7" x 10k CICR & TIH w/ 187 jts 2 7/8" tbg. Set the retainer 20K down @ 5745" MD, dig out cellar work on valves & tie-ins for returns on 9 5/8" & 13 3/8" returns good to go, winterize equipment secure well SDON.

MERIT ENERGY COMPANY

Job Daily Summary- State Report

Support Line: 972-628-1700 #1
Report Date:
Report #

Well Name: ARE W 30 06

Accounting ID	Original Spud Date	Operator	SAP API Number	Lease	Unit Name
7621-01		MERIT ENERGY COMPANY	004304330273	Unassigned	
Working Interest	**Original KB Elevation (ft)**	**SAP Latitude**	**SAP Longitude**	**Total Depth**	**KB Adjustment (ft)**
0.5962		41.0517500000	-111.0878300000		
Field Name	**County**	**State/Province**	**Field Office**	**Accounting Group**	**Producing Status**
ANSCHUTZ RANCH EAST	SUMMIT	UTAH	ANSHUTZ	Anschutz Ranch Unit	Producing Gas

Daily Operations

Report Start Date	Primary Activity
1/14/2016	Pump cmt plug / TOH

Operations Summary

Held safety mtg, SIP 0psi, (State Utah Lisha Cordova 1-801-538-5296 onsite), (Unable to get inj rate below CICR, (Note: Change to balance plug per State Utah recommendations Dustin Jarvis / Lisha Cordova 1-801-538-5296) Pump 2 bbls FW, Mix & Pump 130 sxs class G cmt 1.15 yield, 15.8 ppg, slurry 26 bbls cmt, Open 13 3/8" annuals pump 2 bbls FW 60 sxs class G cmt 1.15 yield, 15.8 ppg slurry 12 bbls cmt displ 14.5 bbls FW see returns, close 13 3/8" annuals, Open 9 5/8" annuals pump 40 sxs class G cmt 1.15 yield 15.8 ppg slurry 8 bbls cmt displ 4.5 bbls FW see returns, Close 9 5/8" annuals, pump 30 sxs class G cmt, 1.15 yield, 15.8 ppg, displ 5.5 bbls FW, inside 7" est TOC est 5518', retag next days on, TOH stand back 186 JTS 2 7/8" L/D 1 jt 2 7/8" tbg, setting tool, secure well SDWO.

Magna Energy Services, LLC
20661 Niobrara Blvd.
LaSalle, Colorado
Phone: (970)8678374
Fax (970) 660-9119

Job Log

RECEIVED
JAN 24 2016
DIV. OF OIL, GAS & MINING

Date: 1-24-16

Operator: Merit Energy

Well Name: ARE W 30-06

Legal Location: Sec. 30, Twn: 4N, Range: 8E NESW

API #: 43-043-30273

12-21-15: Chain up, Road Equip. in to location, Changeover to 2 7/8", w/o base beam, spot in rig, to windy to windy to rig up

12-28-15: Safety Meeting w/ Merit in Office , JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., Blade snow off Location (5' Snow Drifts), Get rig running and other Equip., RUWOR, NDWH, NUBOP, R/U Floor, Tie back to 6 line single, Pull Hanger (Hydramatic Froze, wouldn't let blocks fall), Defrost air lines, SWIFN, SDFN

12-29-15: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., TOOH w/ 128 Jts. 2 7/8" PH6 7.9#,Tie back double fast, TOOH, w/ 89 Jts. 2 7/8" PH6 7.9# (217 Jts. total), X over 2 7/8" PH6 Box x 2 7/8" EUE Pin, TOOH w/218 Jts. 2 7/8" N-80 6.5# EUE., R/U Magna WL, RIH w/ 5.781 gauge ring, stacked out @ 11,832' @ DV Tool, POOH, RIH w/ 5.71 GR to 13,750', POOH, RIH w/ 7" CICR, Set @ 13,640', POOH, R/D WL, SWIFN

12-31-15 : JSA, Check Pressures; 0 Psi. Csg. 0 Psi. Surf. Csg. , P/U Stinger, TIH w/ 179 Jts. 2 7/8" 8 rd. EUE tbg, SDFN

1-4-06 : JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., Maintenance on Accumulaters, TIH w/ 256 Jts. 2 7/8" Tbg., EOT @ 13,516' (435 Total), SWIFN, Load Cementer, Haul 2 Loads of water from Plant to 400 tank on Location, Weld Auger back on Cementer, SDFN

1-5-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., Mechanical issues with Pump and water Truck, Pump 250 Bbls. Down Csg., Break Circ., Pumped 50 bbls., Stinger Plugged up, Pump 100 Bbls. Down Tbg. Roled 400 Bbls. Total, (All fluid was fresh water w/ Corrosion Inhibitor), Pressure test to 500 Psi., (BAD),TIH w/ 4 Jts. tagged 6' in on Jt. 439 @ 13,624', Sting into CICR, L/D 1 Jt.Pump 40 Bbls. @ 3.5 Bbls. Min. @ 0 Psi.(Injection Rate),TOOH w/ 4 jts. 2 7/8" Tbg. (434 Total), EOT @ 13,500, SWIFN, Winterize Equip., SDFN

1-6-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., Pump 38 Bbls. Down Tbg. before it started to Circulate, (oil and gas on returns), Pumped 154 Bbls. Total, Pressure test Csg. To 500 Psi., bled off to 300 Psi. in 15 Min., state approved to continue as Planned, TIH w/ 4 Jts. 2 7/8" P-110, (438 Jts. total), sting into

CICR w/ 20k down on it, Injection Rate @ 3bbls. Min. w/ 0 Psi. Pump 2 Bbls. Fresh, 150 sxs. Cement, 2 Bbls. Fresh, 69.5 Bbls. Displ. (Tbg. Pressured up to 1500 Psi. w/ no bleed off), 2 Bbls. shy of total displ., leaving 26 sxs. in tbg., Sting out of CICR, L/D 10 Jts., started pulling wet, tried pumping down Tbg., Pressured up to 1500 Psi. (No bleed off), Try to reverse Circ., Pressured up to 2200 Psi. w/ no bleed off, L/D 45 Jts. 2 7/8" P-110, (55 total, 56 total on Trailer), TOOH w/ 66 Jts. P-110 in Derrick (72 Jts. total in Derrick), 317 Jts. in the hole, EOT @ 9803', Tie back to 6 line Double fast, Winterize Equip., SWIFN, SDFN

1-7-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., TOOH w/ 290 Jts. 2 7/8" Tbg.(362 Jts. total in Derrick), L/D 27 Jts. 2 7/8" N-80 6.5# (Cemented Tbg.), TIH Open Ended w/ 330 Jts. 2 7/8", EOT @ 10,254' (Issues w/ ice Plugs and air Freezing up), SWIFN, SDFN

1-8-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., Tie back single line, TIH w/ 32 Jts. P-110, P/U 22 Jts. (384 Jts. total), EOT @ 11,901' Thaw out Equip., Break Circ., (Took 90 Bbls.), Pump 2 Bbls. Fresh 30 Sxs. Cement, 2 Bbls. Fresh, 62 Bbls. Displ. w/ Corrosion Inhibitor, TOOH w/ 34 Jts., Reverse Circ. w/ 75 Bbls., TOOH w/ 4 Jts. (Help not freeze wellhead) Winterize Equip., Take load of water down to Disposal

1-9-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., TIH w/ 18 Jts. 2 7/8" P-110, (Tbg. started Migratting oil), TIH w/ 10 More Jts. (still no tag, fluid coming up Tbg.), EOT @ 11,565 w/ 374 Jts. in the hole (State wanted hard tag), L/D 2 Jts., Tooh w/ 22 Jts.,EOT @ 10,809' W/ 350 Jts. in the hole, Thaw out Frozen Equip., Reverse Circ. w/ 4 Bbls. Before breaking Circ., Circ. w/ 65 bbls. Total, TIH w/ 29 Jts., (379 Jts. in the hole), Tagged Cement @ 11,723' L/D 45 Jts. (47 Total L/D), 337 Jts. in the hole, EOT @ 10,400', Break Circ. w/ 3.5 Bbls., Pump 2 Bbls. Fresh, 30 sxs. cement, 2 Bbls. Fresh, Displ. w/ 55 Bbls. Corrosion inhibited water, TOOH w/ 32 Jts., Reverse Circ. w/ 60 Bbls., TOOH w/ 4 Jts. (36 Total out), 301 Jts. in the hole, EOT @ 9230', SWIFN, Winterize Equip., Take a load of water to Disposal, Fill Cementer, SDFN

1-10-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg., TIH w/ 32 Jts., 10' out Jt. 333, Tagged cement @ 10,264', L/D 1 Jt. 2 7/8" P-110 (332 in the hole), Thaw out Valves, Break Circ., Pump 20 Bbls. To Clean up oil and Gas, Pressure Test Csg. to 500 Psi. for 15 Min. (Good), Winterize Equip., Tie Back Double Fast, L/D 53 Jts. P-110 (54 total), TIH w/ 4 Jts., L/D 4 Jts. P-110, (58 Total L/D), TOOH w/ 279 Jts. 2 7/8" Tbg. (Had to tighten drags and change tong dies), 8590' in derrick, JSA, R/U Magna Wire Line, RIH w/ 4 Shot Squeeze gun, Shoot Holes @ 8,640', POOH, R/D WL, SWIFN, Change all three swabs on Pump, Suck Cellar out and Skim Oil off top off Tanks, Take to Disposal, SDFN

1-11-16: Start cementer @ staging area, Drive to Location, JSA, Check Pressures; 20 Psi. 7" Csg., P/U 7" CICR, TIH w/ 122 Jts. 2 7/8" Tbg., stacked out @ 3782', TOOH w/ 27 Jts., Pulled 40k over (Stuck coming up and down), EOT @ 2917', Call Craig for Orders, Work Tbg. Free, (Hanging Up Coming out of the Hole), TOOH w/ 95 Jts. (122 Jts. total, 279 Jts. total in Derrick), (Caught 4 out of the 8 Bottom slips on CICR that Broke) Call Craig, W/O Orders to Decide wireline set or Tbg. (Tbg.) Unload 80 Bbls. Water in Upright, SWIFN, Take water truck to Merits Maintenance shop, Remove 2 Bad Tires, (Tires Fixed after hours), Get Supplies, SDFN

1-12-16: Put 2 Tires on Water Truck in Merit Shop, JSA, Check Pressures; 0 Psi. 7", P/U 7" CICR, TIH w/ 279 Jts., Set CICR @ 8590', Thaw out Valves, Pump 70 Bbls. To Load 7" CSg., test CICR to 500 Psi. (Good), Dig out Cellar, Exposed 9 5/8" valve, 20 Psi., Attempt Injection into 9 5/8" (1500 Psi. w/ NO Bleed off), Expose 13 3/8" valve, 20 Psi. Pressure, Attempt Injection Rate (1500 Psi. w/ NO Bleed off), Sting out of CICR, Pump 2 Bbls. Fresh, 40 sxs. Cement, 2 Bbls. Fresh, 46 Bbls. Displ., TOC @ 8368', L/D 30 Jts. P-110, EOT @ 7660', Reverse Circ. w/ 55 Bbls., L/D 2 Jts., EOT @ 7598' W/ 247 Jts. in the Hole, SWIFN, Winterize Equip., SDFN

1-13-16 : JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 8 5/8", 0 Psi. Surf. Csg. , L/D 46 Jts. 2 7/8" P-110, Move Tbg. Trailer, L/D 14 Jts. 2 7/8" N-80 (92 Jts. total L/D From Last Plug), TOOH w/ 187 Jts. 2 7/8" N-80 Tbg. R/U Magna Wire Line, RIH w/ 4 Shot Squeeze Gun, Shoot Holes @5795', POOH, R/D WL, P/U 7" CICR, TIH w/ 187 Jts. 2 7/8" N-80 Tbg., Set CICR @ 5745', Dig out Valves again, Change flanges on 9 5/8" (The Side that had

a good valve had a solid Flange, side w/ Bad valve had 2" Flange, Swapped them out), SWIFN, SDFN

1-14-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 8 5/8", 0 Psi. Surf. Csg. Thaw out Equip., Load 7" Csg. w/ 17 Bbls., Attempt to Pressure test CICR, (Communication up 9 5/8"), Pump down Tbg. to try and Break Circ. Up 9 5/8" (Pressured up to 1500 Psi. w. no Bleed off), Attempt Circ. Up 10 3/8" (Pressured up to 1500 Psi. w/ no Bleed off), sting out of CICR, Break Circ. Up 7", Close 7", Open 9 5/8", Broke Circ. Down Tbg. up 9 5/8", Broke Circ. Down Tbg. up 13 3/8" (CICR SET BELOW SQUEEZE HOLES), State Approved to set Balance Plug @ Depth Pump 2 Bbls. Fresh, 130 sxs. cement, 2 Bbls. Fresh, Displ. w/ 12.5 bbls., close 13 3/8", Open 9 5/8", Displ. w/ 4.5 Bbls., Close 9 5/8", Open 7", displ. w/ 4.5 Bbls., TOOH w/ 187 Jts. 2 7/8" N-80 Tbg., Winterize Equip., SWIFN,SDFN

1-19-16: JSA, Check Pressures; 0 Psi. 7" Csg. 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg. (Had to Thaw out well Head), TIH Open Ended w/ 176 Jts. (Tallied), tagged cement @ 5563', 10' in on 176 L/D 84 Jts. 2 7/8" N-80 6.5# 8rd EUE Tbg., TOOH w/ 102 Jts. in Derrick, R/U Magna Wire Line, RIH w/ 4 Shot squeeze Gun, Shoot holes @ 3300', POOH, R/D WL, P/U 7" CICR, TIH w/ 102 Jts. 2 7/8" Tbg., Set CICR @ 3233', SWIFN

1-21-16: JSA, Check Pressures; 0 Psi. on all, Thaw out Valves, Loaded 7" w/ 2 Bbls., Test CICR to 500 Psi. (Good), Pump down Tbg. up 9 5/8", 4 Bbls. To Break Circ., Injection Rate @ 200 Psi. 2 Bbl. Min., Injection Rate up 13 3/8" 400 Psi @ @ Bbl. Min., Rolled 40 Bbls. Till Clean (Some Mud), Rig Maintenance, Winterize Equip., SDFN

1-22-16: Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., Prep Pump, Load Cementer, Break Circ. down Tbg. up 13 3/8" @ 200 Psi. @ 2 bbl. Min., Attempt Injection down Tbg. up 9 5/8" (Pressured up to 600 Psi. w/ no Bleed off, Attempt Injection down 9 5/8" up Tbg., Pressured up to 600 Psi. w/ no Bleed Off), Thaw Out Well Head, Pump 2 Bbls. Fresh, 75 Sxs. Cement, 2 Bbls. Fresh, Displ. w/ 6.5 Bbls. , 40 Sxs. in 13 3/8" (TOC @ 3166', CLOSE 13 3/8" , Open 9 5/8", Displ. w/ 3 bbls. TOC @ 3188', Leaving 12 sxs. Below CICR @ 67', Sting Out of CICR, Leave 10 Sxs. Ontop Of CICR, TOC @ 3178', L/D 102 Jts. 2 7/8" 6.5# 8 rd. EUE Tbg., SWIFN, Winterize, Equip., SDFN

1-23-16: JSA, Check Pressures; 0 Psi. 7" , 0 Psi. 9 5/8", 0 Psi. 13 3/8", Thaw Out Valves, Pump 7 Bbls. To Load 7" Csg., P/U TCP Gun, 1-6' Sub, 3 Jts. 2 7/8" Tbg., 1-6' Sub, EOT @ 100', Shoot holes @ 100', L/D 1-6' SUB. 3 Jts. 2 7/8" Tbg., 1-6' Sub and TCP Gun w/ 4 shots shot Break Circ. Down 76" up 13 3/8" till clean w/ 10 Bbls., close 13 3/8" , open 9 5/8" , Circ. Clean w/ 5 bbls. P/U Location, RDWOR, Merit Dug out well Head, Wrecking Ball 6' of Cement, Prep Cementer, Pump 77 sxs. cement down 7" up All Annulus to Surf. (Had to Stop and Re-thread 2" Nipple, Broke off while Pumping), Cut wellhead off above Conducter Pipe, winterize Equip., SDFN

1-24-16: JSA, Check well for gas w/ Monitor, Pump 8 Sxs. cement to surf., Weld Info Plate on, Back fill hole, PNA Complete

(No Csg, and No Tbg. Salvage)

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

Cementing Contractor: Magna Energy Services, LLC
Cementing Contractor Supervisor: Daniel Norton
Operator Supervisor: Mel Wren
UTstate Representative: Lisha Cordova
Wireline Contractor: Magna Energy Services, LLC

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/23/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	25
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		11.5	13	yes
1.5		11.5	13	yes
	1.5	11.5	13	yes
	1.5	11.5	13	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. 7" , 0 Psi. 9 5/8", 0 Psi. 13 3/8"			
7:30am		Thaw Out Valves, Pump 7 Bbls. To Load 7" Csg., P/U TCP Gun,			
		1-6' Sub, 3 Jts. 2 7/8" Tbg., 1-6' Sub, EOT @ 100', Shoot holes @			
		100', L/D 1-6' SUB. 3 Jts. 2 7/8" Tbg., 1-6' Sub and TCP Gun			
	8:30am	w/ 4 shots shot			
8:30am		Break Circ. Down 76" up 13 3/8" till clean w/ 10 Bbls., close			
	9:00am	13 3/8" , open 9 5/8" , Circ. Clean w/ 5 bbls.			
9:00am	10:00am	P/U Location			
10:00am	11:00am	RDWOR			
11:00am	3:00pm	Merit Dug out well Head, Wrecking Ball 6' of Cement			
3:00pm		Prep Cementer,			
		Pump 77 sxs. cement down 7" up All Annulus to Surf. (Had to			
	5:00pm	Stop and Rethread 2" Nipple, Broke off while Pumping)			
5:00pm	6:30pm	Cut wellhead off above Conducter Pipe, winterize Equip., SDFN			
6:30pm	7:00pm	Crew Travel			

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Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/24/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	26
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1		2	3	yes
1		2	3	yes
	1	2	3	yes
	1	2	3	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check well for gas w/ Monitor			
7:30am	9:00am	Pump 8 Sxs. cement to surf., Weld Info Plate on, Back fill hole			

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Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/21/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	**23**
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	4		6.5	10.5	yes
Operator:	Mike Nielson	1.5		9	10.5	yes
Rig Hand:	Austin Jones	4		6.5	10.5	yes
Rig Hand:	Jose Riverra		1.5	9	10.5	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel for Mike and Jose to Rig,			
		JSA, Check Pressures; 0 Psi. on all, Thaw out Valves, Loaded			
		7" w/ 2 Bbls., Test CICR to 500 Psi. (Good), Pump down Tbg.			
		up 9 5/8", 4 Bbls. To Break Circ., Injection Rate @ 200 Psi. 2			
		Bbl. Min., Injection Rate up 13 3/8" 400 Psi @ @ Bbl. Min.,			
		Rolled 40 Bbls. Till Clean (Some Mud), Rig Maintenance			
	4:00pm	Winterize Equip.,			
4:00pm	4:30pm	Crew Travel			
		Couldn't Get Cement to Load Out of Pig, Even w/ 2 Blower			
		Trucks and taking all the valves off and checking Them			

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JAN 21 2016
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Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/22/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	24
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		7	8.5	yes
1.5		7	8.5	yes
1	0.5	7	8.5	yes
	1.5	7	8.5	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
10:00am		Crew Travel, Daniel And Austin Pre Trip Bulker @ Flying J,			
	11:00am	Fuel up			
11:00am		Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg.,			
		0 Psi. 13 3/8" Csg., Prep Pump, Load Cementer, Break Circ.			
		down Tbg. up 13 3/8" @ 200 Psi. @ 2 bbl. Min., Attempt			
		Injection down Tbg. up 9 5/8" (Pressured up to 600 Psi. w/			
		no Bleed off, Attempt Injection down 9 5/8" up Tbg.,			
	1:30pm	Pressured up to 600 Psi. w/ no Bleed Off)			
1:30pm	2:30pm	Thaw Out Well Head			
2:30pm		Pump 2 Bbls. Fresh, 75 Sxs. Cement, 2 Bbls. Fresh, Displ. w/ 6.5			
		Bbls. , 40 Sxs. in 13 3/8" (TOC @ 3166', CLOSE 13 3/8" , Open			
		9 5/8", Displ. w/ 3 bbls. TOC @ 3188', Leaving 12 sxs. Below			
		CICR @ 67', Sting Out of CICR, Leave 10 Sxs. Ontop Of CICR,			
	3:30pm	TOC @ 3178'			
3:30pm		L/D 102 Jts. 2 7/8" 6.5# 8 rd. EUE Tbg., SWIFN, Winterize			
	6:00pm	Equip., SDFN			
6:00pm	6:30pm	Crew Travel			

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Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/20/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	**22**
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
				yes
				yes
				yes
				yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
		"Blizzard", Road Closed. Stay @ motel			
		Couldn't get cement in Rock Springs			

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Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/19/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	21
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		10	11.5	yes
1.5		10	11.5	yes
0.5	1	10	11.5	yes
	1.5	10	11.5	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am		JSA, Check Pressures; 0 Psi. 7" Csg. 0 Psi. 9 5/8" Csg., 0 Psi.			
	8:30am	13 3/8" Csg. (Had to Thaw out well Head)			
8:30am		TIH Open Ended w/ 176 Jts. (Tallied), tagged cement @ 5563',			
	11:00am	10' in on 176			
11:00am		L/D 84 Jts. 2 7/8" N-80 6.5# 8rd EUE Tbg., TOOH w/ 102 Jts.			
	1:00pm	in Derrick			
1:00pm		R/U Magna Wire Line, RIH w/ 4 Shot squeeze Gun, Shoot			
	3:00pm	holes @ 3300', POOH, R/D WL			
3:00pm		P/U 7" CICR, TIH w/ 102 Jts. 2 7/8" Tbg., Set CICR @ 3233'			
	4:30pm	SWIFN			
4:30pm	5:00pm	Pre Trip Pnuematic Trailer and Semi., SDFN			
5:00pm	5:30pm	Crew Travel (Took Pnuematic to Evanston Flying J)			

RECEIVED
JAN 13 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/18/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	**20**
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	3		0.5	3.5	yes
Operator:	Mike Nielson		3		3	yes
Rig Hand:	Austin Jones	7				yes
Rig Hand:	Jose Riverra		7			yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
		Crew Travel			
		(Return Setting Tools)			

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JAN 1 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/14/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	19
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	4		7.5	11.5	
Operator:	Mike Nielson	1	3	7.5	11.5	
Rig Hand:	Austin Jones	7	1	7.5	15.5	
Rig Hand:	Jose Riverra		8	7.5	15.5	
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am		JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 8 5/8", 0 Psi.			
	7:30am	Surf. Csg.			
7:30am		Thaw out Equip.			
		Load 7" Csg. w/ 17 Bbls., Attempt to Pressure test CICR,			
		(Communication up 9 5/8"), Pump down Tbg. to try and Break			
		Circ. Up 9 5/8" (Pressured up to 1500 Psi. w. no Bleed off),			
		Attempt Circ. Up 10 3/8" (Pressured up to 1500 Psi. w/ no			
		Bleed off), sting out of CICR, Break Circ. Up 7", Close 7", Open			
		9 5/8", Broke Circ. Down Tbg. up 9 5/8", Broke Circ. Down			
		Tbg. up 13 3/8" (CICR SET BELOW SQUEEZE HOLES), State			
	11:00am	Approved to set Balance Plug @ Depth			
11:00am		Pump 2 Bbls. Fresh, 130 sxs. cement, 2 Bbls. Fresh, Displ.			
		w/ 12.5 bbls., close 13 3/8", Open 9 5/8", Displ. w/ 4.5 Bbls.,			
	12:00pm	Close 9 5/8", Open 7", displ. w/ 4.5 Bbls.,			
12:00pm		TOOH w/ 187 Jts. 2 7/8" N-80 Tbg., Winterize Equip., SWIFN,			
	2:30PM	SDFN			
2:30pm		Crew Travel home for Days Off			

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JAN 14 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/13/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	18
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		10	11.5	yes
Operator:	Mike Nielson	1.5		10	11.5	yes
Rig Hand:	Austin Jones		1.5	10	11.5	yes
Rig Hand:	Jose Riverra		1.5	10	11.5	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am		JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 8 5/8", 0 Psi.			
	7:30am	Surf. Csg.			
7:30am		L/D 46 Jts. 2 7/8" P-110, Move Tbg. Trailer, L/D 14 Jts. 2 7/8"			
		N-80 (92 Jts. total L/D From Last Plug), TOOH w/ 187 Jts. 2 7/8"			
	11:00am	N-80 Tbg.			
11:00am		R/U Magna Wire Line, RIH w/ 4 Shot Squeeze Gun, Shoot			
	12:00pm	Holes @5795', POOH, R/D WL			
12:00pm		P/U 7" CICR, TIH w/ 187 Jts. 2 7/8" N-80 Tbg., Set CICR @			
	2:00pm	5745'			
2:00pm		Dig out Valves again, Change flanges on 9 5/8" (The Side			
		that had a good valve had a solid Flange, side w/ Bad valve			
	5:00pm	had 2" Flange, Swapped them out), SWIFN, SDFN			
5:00pm	5:30pm	Crew Travel			

RECEIVED
JAN 13 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/12/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	17
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		12.5	14	yes
Operator:	Mike Nielson	1.5		12.5	14	yes
Rig Hand:	Austin Jones		1.5	12.5	14	yes
Rig Hand:	Jose Riverra		1.5	12.5	14	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30am	6:30am	Crew Travel			
6:30am	7:30am	Put 2 Tires on Water Truck in Merit Shop			
7:30am	8:00am	JSA, Check Pressures; 0 Psi. 7"			
8:00am	12:00pm	P/U 7" CICR, TIH w/ 279 Jts., Set CICR @ 8590'			
12:00pm		Thaw out Valves, Pump 70 Bbls. To Load 7" CSg., test CICR to			
	1:30pm	500 Psi. (Good)			
1:30pm		Dig out Cellar, Exposed 9 5/8" valve, 20 Psi., Attempt Injection			
		into 9 5/8" (1500 Psi. w/ NO Bleed off), Expose 13 3/8" valve,			
		20 Psi. Pressure, Attempt Injection Rate (1500 Psi. w/ NO			
	4:00pm	Bleed off)			
4:00pm		Sting out of CICR, Pump 2 Bbls. Fresh, 40 sxs. Cement, 2 Bbls.			
	5:00pm	Fresh, 46 Bbls. Displ., TOC @ 8368'			
5:00pm		L/D 30 Jts. P-110, EOT @ 7660', Reverse Circ. w/ 55 Bbls., L/D			
	6:30pm	2 Jts., EOT @ 7598' W/ 247 Jts. in the Hole, SWIFN			
6:30pm	7:00pm	Winterize Equip., SDFN			
7:00pm	7:30pm	Crew Travel			

RECEIVED
JAN 12 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/11/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	16
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

MAGNA ENERGY SERVICES

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		11	12.5	yes
Operator:	Mike Nielson	1.5		10.5	12	yes
Rig Hand:	Austin Jones		1.5	10.5	12	yes
Rig Hand:	Jose Riverra		1.5	10.5	12	yes
Rig Hand:						
Rig Hand:						

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	Start cementer @ staging area, Drive to Location			
7:30am	8:00am	JSA, Check Pressures; 20 Psi. 7" Csg.,			
8:00am	9:30am	P/U 7" CICR, TIH w/ 122 Jts. 2 7/8" Tbg., stacked out @ 3782',			
9:30am		TOOH w/ 27 Jts., Pulled 40k over (Stuck coming up and down),			
		EOT @ 2917', Call Craig for Orders, Work Tbg. Free, (Hanging			
		Up Coming out of the Hole), TOOH w/ 95 Jts. (122 Jts. total,			
		279 Jts. total in Derrick), (Caught 4 out of the 8 Bottom slips			
	1:00pm	on CICR that Broke)			
1:00pm	3:00pm	Call Craig, W/O Orders to Decide wireline set or Tbg. (Tbg.)			
3:00pm		Unload 80 Bbls. Water in Upright, SWIFN			
		Take water truck to Merits Maintenance shop, Remove 2 Bad			
	5:30pm	Tires, (Tires Fixed after hours), Get Supplies, SDFN			
5:30pm	6:00pm	Crew Travel			

RECEIVED
JAN 11 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/10/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	15
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		12	13.5	yes
1.5		12	13.5	yes
	1.5	12	13.5	yes
	1.5	12	13.5	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
7:30am	8:30am	TIH w/ 32 Jts., 10' out Jt. 333, Tagged cement @ 10,264'			
8:30am		L/D 1 Jt. 2 7/8" P-110 (332 in the hole), Thaw out Valves, Break			
		Circ., Pump 20 Bbls. To Clean up oil and Gas			
	10:30am	Pressure Test Csg. to 500 Psi. for 15 Min. (Good), Winterize Equip.			
10:30am		Tie Back Double Fast, L/D 53 Jts. P-110 (54 total), TIH w/ 4 Jts.,			
	12:00pm	L/D 4 Jts. P-110, (58 Total L/D)			
12:00pm		TOOH w/ 279 Jts. 2 7/8" Tbg. (Had to tighten drags and change			
	4:00pm	tong dies), 8590' in derrick			
4:00pm		JSA, R/U Magna Wire Line, RIH w/ 4 Shot Squeeze gun, Shoot			
	5:30pm	Holes @ 8,640', POOH, R/D WL			
5:30pm		SWIFN, Change all three swabs on Pump, Suck Cellar out and			
	7:00pm	Skim Oil off top off Tanks, Take to Disposal, SDFN			
7:00pm	7:30pm	Crew Travel			

RECEIVED
JAN 15 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/9/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	14
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		12	13.5	yes
Operator:	Mike Nielson	1.5		12	13.5	yes
Rig Hand:	Austin Jones		1.5	12	13.5	yes
Rig Hand:	Jose Riverra		1.5	12	13.5	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
7:30am		TIH w/ 18 Jts. 2 7/8" P-110, (Tbg. started Migratting oil), TIH w/			
		10 More Jts. (still no tag, fluid coming up Tbg.), EOT @ 11,565			
	8:30am	w/ 374 Jts. in the hole (State wanted hard tag)			
			8:30am		L/D 2 Jts., Tooh w/ 22 Jts.,EOT @ 10,809' W/ 350 Jts. in the hole
					Thaw out Frozen Equip., Reverse Circ. w/ 4 Bbls. Before breaking
					Circ., Circ. w/ 65 bbls. Total, TIH w/ 29 Jts., (379 Jts. in the hole),
				12:00pm	Tagged Cement @ 11,723'
12:00pm	1:00pm	L/D 45 Jts. (47 Total L/D), 337 Jts. in the hole, EOT @ 10,400'			
1:00pm		Break Circ. w/ 3.5 Bbls., Pump 2 Bbls. Fresh, 30 sxs. cement,			
	3:30pm	2 Bbls. Fresh, Displ. w/ 55 Bbls. Corrosion inhibited water			
3:30pm		TOOH w/ 32 Jts., Reverse Circ. w/ 60 Bbls., TOOH w/ 4 Jts.			
	4:30pm	(36 Total out), 301 Jts. in the hole, EOT @ 9230', SWIFN			
4:30pm		Winterize Equip., Take a load of water to Disposal, Fill			
	7:00pm	Cementer, SDFN			
7:00pm	7:30pm	Crew Travel			

RECEIVED
JAN 19 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/8/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	13
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		10	11.5	yes
Operator:	Mike Nielson	4.5		10	14.5	yes
Rig Hand:	Austin Jones		1.5	10	11.5	yes
Rig Hand:	Jose Riverra		1.5	10	11.5	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
7:30am		Tie back single line, TIH w/ 32 Jts. P-110, P/U 22 Jts.			
	9:00am	(384 Jts. total), EOT @ 11,901'			
9:00am	11:00am	Thaw out Equip.			
11:00am	12:00pm	Break Circ., (Took 90 Bbls.)			
12:00pm		Pump 2 Bbls. Fresh 30 Sxs. Cement, 2 Bbls. Fresh, 62 Bbls.			
	1:00pm	Displ. w/ Corrosion Inhibitor			
1:00pm		TOOH w/ 34 Jts., Reverse Circ. w/ 75 Bbls., TOOH w/ 4 Jts.			
	3:30pm	(Help not freeze wellhead)			
3:30pm	5:00pm	Winterize Equip., Take load of water down to Disposal			
5:00pm	5:30pm	Crew Travel			

RECEIVED
JAN 13 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/7/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	12
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		11	12.5	yes
1.5		11	12.5	yes
	1.5	11	12.5	yes
	1.5	11	12.5	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
7:30am		TOOH w/ 290 Jts. 2 7/8" Tbg.(362 Jts. total in Derrick), L/D 27			
	1:30pm	Jts. 2 7/8" N-80 6.5# (Cemented Tbg.)			
1:30pm		TIH Open Ended w/ 330 Jts. 2 7/8", EOT @ 10,254' (Issues			
	6:00pm	w/ ice Plugs and air Freezing up), SWIFN, SDFN			
6:00pm	6:30pm	Crew Travel			

RECEIVED
JAN 07 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/6/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	11
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		11.5	13	yes
1.5		11.5	13	yes
	1.5	11.5	13	yes
	1.5	11.5	13	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
7:30am		Pump 38 Bbls. Down Tbg. before it started to Circulate,			
		(oil and gas on returns), Pumped 154 Bbls. Total, Pressure test			
		Csg. To 500 Psi., bled off to 300 Psi. in 15 Min., state approved			
		to continue as Planned, TIH w/ 4 Jts. 2 7/8" P-110, (438 Jts.			
		total), sting into CICR w/ 20k down on it, Injection Rate @ 3bbls			
	12:00pm	Min. w/ 0 Psi.			
12:00pm		Pump 2 Bbls. Fresh, 150 sxs. Cement, 2 Bbls. Fresh, 69.5 Bbls.			
		Displ. (Tbg. Pressured up to 1500 Psi. w/ no bleed off), 2 Bbls.			
	1:30pm	shy of total displ., leaving 26 sxs. in tbg., Sting out of CICR,			
1:30pm		L/D 10 Jts., started pulling wet, tried pumping down Tbg.,			
		Pressured up to 1500 Psi. (No bleed off), Try to reverse			
		Circ., Pressured up to 2200 Psi. w/ no bleed off, L/D 45 Jts.			
		2 7/8" P-110, (55 total, 56 total on Trailer), TOOH w/ 66 Jts.			
		P-110 in Derrick (72 Jts. total in Derrick), 317 Jts. in the hole			
	5:30pm	EOT @ 9803'			
5:30pm	6:30pm	Tie back to 6 line Double fast, Winterize Equip., SWIFN, SDFN			
6:30pm	7:00pm	Crew Travel			

RECEIVED
JAN 06 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/5/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	10
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		12	13.5	yes
1.5		12	13.5	yes
	1.5	12	13.5	yes
	1.5	12	13.5	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
7:30am	9:30am	Mechanical issues with Pump and water Truck			
9:30am		Pump 250 Bbls. Down Csg., Break Circ., Pumped 50 bbls.,			
		Stinger Plugged up, Pump 100 Bbls. Down Tbg.			
		Roled 400 Bbls. Total, (All fluid was			
		fresh water w/ Corrosion Inhibitor), Pressure test to 500 Psi.			
		(Good),TIH w/ 4 Jts. tagged 6' in on Jt. 439 @ 13,624', Sting			
		into CICR, L/D 1 Jt.Pump 40 Bbls. @ 3.5 Bbls. Min. @ 0 Psi.			
		(Injection Rate),TOOH w/ 4 jts. 2 7/8" Tbg. (434 Total), EOT @			
	7:00pm	13,500, SWIFN, Winterize Equip., SDFN			
7:00pm	7:30pm	Crew Travel			

RECEIVED
JAN 05 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/4/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	9
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		10.5	12	yes
Operator:	Mike Nielson	1.5		10.5	12	yes
Rig Hand:	Austin Jones		1.5	10.5	12	yes
Rig Hand:	Jose Riverra		1.5	10.5	12	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am		JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.,			
	8:00am	Maintenance on Accumulaters			
8:00am	1:00pm	TIH w/ 256 Jts. 2 7/8" Tbg., EOT @ 13,516' (435 Total), SWIFN			
1:00pm		Load Cementer, Haul 2 Loads of water from Plant to 400 tank			
	5:30pm	on Location, Weld Auger back on Cementer, SDFN			
5:30pm	6:00pm	Crew Travel			

RECEIVED
JAN 04 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	1/3/2016
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	8
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
4			4	yes
	4		4	yes
6			6	yes
	6		6	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
		Crew Travel			

RECEIVED
JAN 03 2016
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/30/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	6
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		10	11.5	yes
Operator:	Mike Nielson	1.5		10	11.5	yes
Rig Hand:	Austin Jones		1.5	10	11.5	yes
Rig Hand:	Jose Riverra		1.5	10	11.5	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am		Try to Jump start bulker @ Flying J Truck stop (Note from			
		Sheriffs office to move or be towed), couldn't start, chain up			
		water truck on all tires, tie on to Pump, road to Location,			
		Equip. Maintenance, Blower truck needed 3 new batteries,			
		Pump wouldn't start (Acted like Starter, "Battery dead",)			
		Try to defrost water truck, no luck, put 20 Gallons of methenol			
		in tank and put truck in merits maintenance shop, chain up			
		cementer, (Cementer broken @ auger from rig move),			
		Get bulker unstuck, start grinding down cementer to weld			
	5:00pm	auger back on			
5:00pm	5:30pm	Crew Travel			

RECEIVED
DEC 30 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/29/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	5
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	1.5		14.5	16	yes
Operator:	Mike Nielson	1.5		14.5	16	yes
Rig Hand:	Austin Jones		1.5	14.5	16	yes
Rig Hand:	Jose Riverra		1.5	14.5	16	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	7:30am	JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.			
7:30am		TOOH w/ 128 Jts. 2 7/8" PH6 7.9#,Tie back double fast, TOOH,			
		w/ 89 Jts. 2 7/8" PH6 7.9# (217 Jts. total), X over 2 7/8" PH6			
	3:45pm	Box x 2 7/8" EUE Pin, TOOH w/218 Jts. 2 7/8" N-80 6.5# EUE.			
3:45pm		R/U Magna WL, RIH w/ 5.781 gauge ring, stacked out @			
	5:30pm	11,832' @ DV Tool, POOH			
5:30pm	7:30pm	RIH w/ 5.71 GR to 13,750', POOH			
7:30pm	9:30pm	RIH w/ 7" CICR, Set @ 13,640', POOH, R/D WL, SWIFN			
9:30pm	10:00pm	Crew Travel			

RECEIVED
DEC 29 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/28/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	4
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#24				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		10	11.5	yes
1.5		10	11.5	yes
	1.5	10	11.5	yes
	1.5	10	11.5	yes

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	8:00am	Safety Meeting w/ Merit in Office			
8:00am		JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. Csg., 0 Psi. Surf. Csg.			
	9:30am	Blade snow off Location (5' Snow Drifts)			
9:30am	10:00am	Get rig running and other Equip.			
10:00am	11:30am	RUWOR			
11:30am	1:30pm	NDWH, NUBOP			
1:30pm		R/U Floor, Tie back to 6 line single, Pull Hanger (Hydramatic			
	5:00pm	Froze, wouldn't let blocks fall), Defrost air lines, SWIFN, SDFN			
5:00pm	5:30pm	Crew Travel			

RECEIVED
DEC 28 2015
DIV OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/27/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	3
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	4			4	yes
Operator:	Mike Nielson		4		4	yes
Rig Hand:	Austin Jones	6.5			6.5	yes
Rig Hand:	Jose Riverra		6.5		6.5	yes
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
		Crew Travel to Evanston to Start work on 12-28-15			
		Merit Safety Meeting @ 7:00am at Office			

RECEIVED
DEC 27 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/22/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	2
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

MAGNA ENERGY SERVICES

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton	6		2	8	no
Operator:	Mike Nielson	1	5	2	8	no
Rig Hand:	Austin Jones	8	1	2	11	no
Rig Hand:	Jose Riverra		9	2	11	no
Rig Hand:						
Rig Hand:						

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
6:00am	7:00am	Crew Travel			
7:00am	9:00am	Blizzard still up on Mt., Chainup Water Truck, SDFN			
9:00am		travel back to Evanston, Check out of Motel (Will return on			
	2:00pm	Sunday after holidays), Crew Travel Home			
	5:00pm	Austin and Jose Made it to Shop			

RECEIVED
DEC 22 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/21/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	1
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#24					
Tool Pusher:	Daniel Norton				10.5	yes
Operator:	Mike Nielson				10	yes
Rig Hand:	Austin Jones				10	YES
Rig Hand:	Jose Riverra				10	YES
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30am	6:00am	Crew Travel			
6:00am	8:00am	Chain up			
8:00am	11:00am	Road Equip. in to locatrion			
11:00am		Changeover to 2 7/8", w/o basebeam, spot in rig, to windy to			
	3:00pm	windy to rig up			
3:00pm	3:30pm	Crew Travel			

RECEIVED
DEC 21 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/20/2015
API or Project #:	43-043-30273	**Company Man Cell:**	1-307-679-8010	**Days on Well:**	0
Well Name/Number:	ARE W30-06				
Section/Township/Range	Sec.30,Twnship 4 N,R. 8 E NESW				
Rig #:	#31				
Tool Pusher:	Daniel Norton				
Operator:	Mike Nielson				
Rig Hand:	Austin Jones				
Rig Hand:	Jose Riverra				
Rig Hand:					
Rig Hand:					

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
9	3	5	17	yes
9	3	5	17	yes
7			7	YES
	7		7	YES

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30am	8:30PM	Travel from Evanston to Wamsutter, p/u Goosneck, drive back			
		to rest area w/ Trailer and Backhoe			
8:30am		Take Back hoe off broken trailer ("Broke more", chain off			
	11:00am	gooseneck), Transfer to daries gooseneck, Transfer trucks			
11:00am	3:00pm	Road Water truck/ Backhoe, Cementer to staging area			
3:00pm		Follow company man to location, Drop tanks and backhoe @			
	5:00 pm	staging area			
5:00pm		Take Back hoe trailer back to wamsutter truck stop, Travel			
	10:30pm	to Evanston (Bad Roads, storm coming in)			

RECEIVED
DEC 20 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/19/2015
API or Project #:		**Company Man Cell:**	1-307-679-8010	**Days on Well:**	0
Well Name/Number:					
Section/Township/Range					

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#31					
Tool Pusher:	Daniel Norton	14			14	yes
Operator:	Mike Nielson	10	4		14	yes
Rig Hand:	Austin Jones					no
Rig Hand:	Jose Riverra					no
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30am	9:30am	Drive From Evanston to Pilgrim Location			
9:30am	2:30pm	Pre- Trip Junk Trailer, Road Junk Trtailer to Evanston			
		Truck Driver Broke down in Water Truck/ Gooseneck. Had them			
		both Get in Pick up truck hauling Pump (Left water truck @			
		rest area mm 145)			
		Truck Drivers made it to Exit 99, Busted all lug nuts on front			
		axle of Pump, Left @ truck stop, sent drivers back for cementer			
2:30pm		Mike and I drove back to water truck to wait on tire changer			
	7:30pm	from Loves truck stop, Fixed 2 Tires, Drove back to Evanston			

RECEIVED
DEC 19 2015
DIV. OF OIL, GAS & MINING

Company Name:	Merit	**Company Man:**	Mel Wren	**Today's Date:**	12/18/2015
API or Project #:		**Company Man Cell:**	1-307-679-8010	**Days on Well:**	0
Well Name/Number:					
Section/Township/Range					

		Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
Rig #:	#31					
Tool Pusher:	Daniel Norton	12		1	13	yes
Operator:	Mike Nielson	9	3	1	13	yes
Rig Hand:	Austin Jones					no
Rig Hand:	Jose Riverra					no
Rig Hand:						
Rig Hand:						

MAGNA ENERGY SERVICES

Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"
5:30am	7:30am	Drive From Vernal to Location			
7:30am	8:30am	Pre-Trip Equip., Get Clearance number for Rig into RockSprings			
8:30am	2:00pm	Road Rig to RockSprings (Issues with Rig on I-80, Partial Throttle)			
2:00pm	5:30pm	Get Permit, Drive to Merit Anschutz Ranch Staging Area			
5:30pm	6:30pm	Travel To Evanston			

RECEIVED
DEC 18 2015
DIV. OF OIL, GAS & MINING

CUSTOMER	Merit Energy
WELL	ARE W30-06
DATE	1/21/2016
COUNTY	Uinta
STATE	Utah
CO. REP.	Mel Wren

EDIT FORMULA

BHA	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
TOTAL	0.00

RECEIVED
JAN 04 2016
DIV. OF OIL, GAS & MINING

RBS TOOLS INC
P.O. BOX 1253
ROOSEVELT UTAH 84066
435-823-8928
TRAVIS ROHRER

		OD	ID	WT/FT	DRIFT
TBG					
CSG					
LINER					
LINER TOP			FLUID PPG		BOY FACTO
KB	23		TBG BPF	0.00000	
JTS ON LOC			CSG BPF	0.00000	
# TALLIED	219		CSG ANN	0.00000	
JT AVE	61.85		LINER BPF	0.00000	
			LINER ANN	0.00000	

FISH TOP	
2ND FISH TOP	

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
1	1	-1	63.00	63.00	86.00	0.00	0.00	0	0.00	-86.00	-86.00
2	2	-2	60.90	123.90	146.90	0.00	0.00	0	0.00	-146.90	-146.90
3	3	-3	63.60	187.50	210.50	0.00	0.00	0	0.00	-210.50	-210.50
4	4	-4	60.37	247.87	270.87	0.00	0.00	0	0.00	-270.87	-270.87
5	5	-5	59.80	307.67	330.67	0.00	0.00	0	0.00	-330.67	-330.67
6	6	-6	63.40	371.07	394.07	0.00	0.00	0	0.00	-394.07	-394.07
7	7	-7	64.20	435.27	458.27	0.00	0.00	0	0.00	-458.27	-458.27
8	8	-8	58.93	494.20	517.20	0.00	0.00	0	0.00	-517.20	-517.20
9	9	-9	61.87	556.07	579.07	0.00	0.00	0	0.00	-579.07	-579.07
10	10	-10	60.10	616.17	639.17	0.00	0.00	0	0.00	-639.17	-639.17
Length of 10				616.17							
11	11	-11	58.90	675.07	698.07	0.00	0.00	0	0.00	-698.07	-698.07
12	12	-12	62.10	737.17	760.17	0.00	0.00	0	0.00	-760.17	-760.17
13	13	-13	62.10	799.27	822.27	0.00	0.00	0	0.00	-822.27	-822.27
14	14	-14	60.60	859.87	882.87	0.00	0.00	0	0.00	-882.87	-882.87
15	15	-15	60.62	920.49	943.49	0.00	0.00	0	0.00	-943.49	-943.49
16	16	-16	58.80	979.29	1002.29	0.00	0.00	0	0.00	-1002.29	-1002.29
17	17	-17	59.90	1039.19	1062.19	0.00	0.00	0	0.00	-1062.19	-1062.19
18	18	-18	62.40	1101.59	1124.59	0.00	0.00	0	0.00	-1124.59	-1124.59
19	19	-19	63.52	1165.11	1188.11	0.00	0.00	0	0.00	-1188.11	-1188.11
20	20	-20	60.92	1226.03	1249.03	0.00	0.00	0	0.00	-1249.03	-1249.03
Length of 10				609.86							
21	21	-21	58.75	1284.78	1307.78	0.00	0.00	0	0.00	-1307.78	-1307.78
22	22	-22	63.95	1348.73	1371.73	0.00	0.00	0	0.00	-1371.73	-1371.73
23	23	-23	62.73	1411.46	1434.46	0.00	0.00	0	0.00	-1434.46	-1434.46
24	24	-24	58.20	1469.66	1492.66	0.00	0.00	0	0.00	-1492.66	-1492.66
25	25	-25	60.50	1530.16	1553.16	0.00	0.00	0	0.00	-1553.16	-1553.16
26	26	-26	59.78	1589.94	1612.94	0.00	0.00	0	0.00	-1612.94	-1612.94
27	27	-27	63.22	1653.16	1676.16	0.00	0.00	0	0.00	-1676.16	-1676.16
28	28	-28	64.67	1717.83	1740.83	0.00	0.00	0	0.00	-1740.83	-1740.83
29	29	-29	59.07	1776.90	1799.90	0.00	0.00	0	0.00	-1799.90	-1799.90
30	30	-30	60.82	1837.72	1860.72	0.00	0.00	0	0.00	-1860.72	-1860.72
Length of 10				611.69							
31	31	-31	60.83	1898.55	1921.55	0.00	0.00	0	0.00	-1921.55	-1921.55
32	32	-32	60.69	1959.24	1982.24	0.00	0.00	0	0.00	-1982.24	-1982.24
33	33	-33	61.75	2020.99	2043.99	0.00	0.00	0	0.00	-2043.99	-2043.99
34	34	-34	64.97	2085.96	2108.96	0.00	0.00	0	0.00	-2108.96	-2108.96
35	35	-35	61.70	2147.66	2170.66	0.00	0.00	0	0.00	-2170.66	-2170.66
36	36	-36	61.40	2209.06	2232.06	0.00	0.00	0	0.00	-2232.06	-2232.06
37	37	-37	61.97	2271.03	2294.03	0.00	0.00	0	0.00	-2294.03	-2294.03
38	38	-38	61.70	2332.73	2355.73	0.00	0.00	0	0.00	-2355.73	-2355.73

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
39	39	-39	59.47	2392.20	2415.20	0.00	0.00	0	0.00	-2415.20	-2415.20
40	40	-40	63.70	2455.90	2478.90	0.00	0.00	0	0.00	-2478.90	-2478.90
Length of 10				618.18							
41	41	-41	62.60	2518.50	2541.50	0.00	0.00	0	0.00	-2541.50	-2541.50
42	42	-42	62.90	2581.40	2604.40	0.00	0.00	0	0.00	-2604.40	-2604.40
43	43	-43	59.59	2640.99	2663.99	0.00	0.00	0	0.00	-2663.99	-2663.99
44	44	-44	58.80	2699.79	2722.79	0.00	0.00	0	0.00	-2722.79	-2722.79
45	45	-45	62.98	2762.77	2785.77	0.00	0.00	0	0.00	-2785.77	-2785.77
46	46	-46	60.45	2823.22	2846.22	0.00	0.00	0	0.00	-2846.22	-2846.22
47	47	-47	59.20	2882.42	2905.42	0.00	0.00	0	0.00	-2905.42	-2905.42
48	48	-48	59.83	2942.25	2965.25	0.00	0.00	0	0.00	-2965.25	-2965.25
49	49	-49	58.50	3000.75	3023.75	0.00	0.00	0	0.00	-3023.75	-3023.75
50	50	-50	64.63	3065.38	3088.38	0.00	0.00	0	0.00	-3088.38	-3088.38
Length of 10				609.48							
51	51	-51	64.10	3129.48	3152.48	0.00	0.00	0	0.00	-3152.48	-3152.48
52	52	-52	60.90	3190.38	3213.38	0.00	0.00	0	0.00	-3213.38	-3213.38
53	53	-53	59.00	3249.38	3272.38	0.00	0.00	0	0.00	-3272.38	-3272.38
54	54	-54	58.90	3308.28	3331.28	0.00	0.00	0	0.00	-3331.28	-3331.28
55	55	-55	61.45	3369.73	3392.73	0.00	0.00	0	0.00	-3392.73	-3392.73
56	56	-56	60.49	3430.22	3453.22	0.00	0.00	0	0.00	-3453.22	-3453.22
57	57	-57	62.30	3492.52	3515.52	0.00	0.00	0	0.00	-3515.52	-3515.52
58	58	-58	59.90	3552.42	3575.42	0.00	0.00	0	0.00	-3575.42	-3575.42
59	59	-59	61.10	3613.52	3636.52	0.00	0.00	0	0.00	-3636.52	-3636.52
60	60	-60	58.17	3671.69	3694.69	0.00	0.00	0	0.00	-3694.69	-3694.69
Length of 10				606.31							
61	61	-61	62.25	3733.94	3756.94	0.00	0.00	0	0.00	-3756.94	-3756.94
62	62	-62	62.25	3796.19	3819.19	0.00	0.00	0	0.00	-3819.19	-3819.19
63	63	-63	61.27	3857.46	3880.46	0.00	0.00	0	0.00	-3880.46	-3880.46
64	64	-64	62.83	3920.29	3943.29	0.00	0.00	0	0.00	-3943.29	-3943.29
65	65	-65	60.65	3980.94	4003.94	0.00	0.00	0	0.00	-4003.94	-4003.94
66	66	-66	58.80	4039.74	4062.74	0.00	0.00	0	0.00	-4062.74	-4062.74
67	67	-67	61.73	4101.47	4124.47	0.00	0.00	0	0.00	-4124.47	-4124.47
68	68	-68	60.60	4162.07	4185.07	0.00	0.00	0	0.00	-4185.07	-4185.07
69	69	-69	61.90	4223.97	4246.97	0.00	0.00	0	0.00	-4246.97	-4246.97
70	70	-70	60.30	4284.27	4307.27	0.00	0.00	0	0.00	-4307.27	-4307.27
Length of 10				612.58							
71	71	-71	61.70	4345.97	4368.97	0.00	0.00	0	0.00	-4368.97	-4368.97
72	72	-72	60.60	4406.57	4429.57	0.00	0.00	0	0.00	-4429.57	-4429.57
73	73	-73	60.05	4466.62	4489.62	0.00	0.00	0	0.00	-4489.62	-4489.62
74	74	-74	60.35	4526.97	4549.97	0.00	0.00	0	0.00	-4549.97	-4549.97
75	75	-75	59.13	4586.10	4609.10	0.00	0.00	0	0.00	-4609.10	-4609.10
76	76	-76	58.82	4644.92	4667.92	0.00	0.00	0	0.00	-4667.92	-4667.92
77	77	-77	60.53	4705.45	4728.45	0.00	0.00	0	0.00	-4728.45	-4728.45
78	78	-78	59.70	4765.15	4788.15	0.00	0.00	0	0.00	-4788.15	-4788.15
79	79	-79	60.50	4825.65	4848.65	0.00	0.00	0	0.00	-4848.65	-4848.65
80	80	-80	63.15	4888.80	4911.80	0.00	0.00	0	0.00	-4911.80	-4911.80
Length of 10				604.53							
81	81	-81	62.02	4950.82	4973.82	0.00	0.00	0	0.00	-4973.82	-4973.82
82	82	-82	61.10	5011.92	5034.92	0.00	0.00	0	0.00	-5034.92	-5034.92
83	83	-83	62.07	5073.99	5096.99	0.00	0.00	0	0.00	-5096.99	-5096.99
84	84	-84	58.75	5132.74	5155.74	0.00	0.00	0	0.00	-5155.74	-5155.74
85	85	-85	60.65	5193.39	5216.39	0.00	0.00	0	0.00	-5216.39	-5216.39
86	86	-86	61.27	5254.66	5277.66	0.00	0.00	0	0.00	-5277.66	-5277.66
87	87	-87	62.10	5316.76	5339.76	0.00	0.00	0	0.00	-5339.76	-5339.76
88	88	-88	60.50	5377.26	5400.26	0.00	0.00	0	0.00	-5400.26	-5400.26
89	89	-89	60.92	5438.18	5461.18	0.00	0.00	0	0.00	-5461.18	-5461.18
90	90	-90	62.18	5500.36	5523.36	0.00	0.00	0	0.00	-5523.36	-5523.36
Length of 10				611.56							
91	91	-91	59.60	5559.96	5582.96	0.00	0.00	0	0.00	-5582.96	-5582.96

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
92	92	-92	63.03	5622.99	5645.99	0.00	0.00	0	0.00	**-5645.99**	**-5645.99**
93	93	-93	61.20	5684.19	5707.19	0.00	0.00	0	0.00	**-5707.19**	**-5707.19**
94	94	-94	61.65	5745.84	5768.84	0.00	0.00	0	0.00	**-5768.84**	**-5768.84**
95	95	-95	60.88	5806.72	5829.72	0.00	0.00	0	0.00	**-5829.72**	**-5829.72**
96	96	-96	63.40	5870.12	5893.12	0.00	0.00	0	0.00	**-5893.12**	**-5893.12**
97	97	-97	60.60	5930.72	5953.72	0.00	0.00	0	0.00	**-5953.72**	**-5953.72**
98	98	-98	60.80	5991.52	6014.52	0.00	0.00	0	0.00	**-6014.52**	**-6014.52**
99	99	-99	60.93	6052.45	6075.45	0.00	0.00	0	0.00	**-6075.45**	**-6075.45**
100	100	-100	60.64	6113.09	6136.09	0.00	0.00	0	0.00	**-6136.09**	**-6136.09**
Length of 10				**612.73**							
101	101	-101	63.05	6176.14	6199.14	0.00	0.00	0	0.00	**-6199.14**	**-6199.14**
102	102	-102	60.60	6236.74	6259.74	0.00	0.00	0	0.00	**-6259.74**	**-6259.74**
103	103	-103	61.47	6298.21	6321.21	0.00	0.00	0	0.00	**-6321.21**	**-6321.21**
104	104	-104	58.95	6357.16	6380.16	0.00	0.00	0	0.00	**-6380.16**	**-6380.16**
105	105	-105	60.23	6417.39	6440.39	0.00	0.00	0	0.00	**-6440.39**	**-6440.39**
106	106	-106	60.50	6477.89	6500.89	0.00	0.00	0	0.00	**-6500.89**	**-6500.89**
107	107	-107	60.50	6538.39	6561.39	0.00	0.00	0	0.00	**-6561.39**	**-6561.39**
108	108	-108	59.00	6597.39	6620.39	0.00	0.00	0	0.00	**-6620.39**	**-6620.39**
109	109	-109	63.75	6661.14	6684.14	0.00	0.00	0	0.00	**-6684.14**	**-6684.14**
110	110	-110	63.15	6724.29	6747.29	0.00	0.00	0	0.00	**-6747.29**	**-6747.29**
Length of 10				**611.20**							
111	111	-111	62.60	6786.89	6809.89	0.00	0.00	0	0.00	**-6809.89**	**-6809.89**
112	112	-112	62.65	6849.54	6872.54	0.00	0.00	0	0.00	**-6872.54**	**-6872.54**
113	113	-113	62.90	6912.44	6935.44	0.00	0.00	0	0.00	**-6935.44**	**-6935.44**
114	114	-114	63.00	6975.44	6998.44	0.00	0.00	0	0.00	**-6998.44**	**-6998.44**
115	115	-115	62.52	7037.96	7060.96	0.00	0.00	0	0.00	**-7060.96**	**-7060.96**
116	116	-116	63.10	7101.06	7124.06	0.00	0.00	0	0.00	**-7124.06**	**-7124.06**
117	117	-117	62.00	7163.06	7186.06	0.00	0.00	0	0.00	**-7186.06**	**-7186.06**
118	118	-118	63.10	7226.16	7249.16	0.00	0.00	0	0.00	**-7249.16**	**-7249.16**
119	119	-119	62.83	7288.99	7311.99	0.00	0.00	0	0.00	**-7311.99**	**-7311.99**
120	120	-120	63.00	7351.99	7374.99	0.00	0.00	0	0.00	**-7374.99**	**-7374.99**
Length of 10				**627.70**							
121	121	-121	63.04	7415.03	7438.03	0.00	0.00	0	0.00	**-7438.03**	**-7438.03**
122	122	-122	62.50	7477.53	7500.53	0.00	0.00	0	0.00	**-7500.53**	**-7500.53**
123	123	-123	63.00	7540.53	7563.53	0.00	0.00	0	0.00	**-7563.53**	**-7563.53**
124	124	-124	62.42	7602.95	7625.95	0.00	0.00	0	0.00	**-7625.95**	**-7625.95**
125	125	-125	62.90	7665.85	7688.85	0.00	0.00	0	0.00	**-7688.85**	**-7688.85**
126	126	-126	62.90	7728.75	7751.75	0.00	0.00	0	0.00	**-7751.75**	**-7751.75**
127	127	-127	61.45	7790.20	7813.20	0.00	0.00	0	0.00	**-7813.20**	**-7813.20**
128	128	-128	62.55	7852.75	7875.75	0.00	0.00	0	0.00	**-7875.75**	**-7875.75**
129	129	-129	61.15	7913.90	7936.90	0.00	0.00	0	0.00	**-7936.90**	**-7936.90**
130	130	-130	63.00	7976.90	7999.90	0.00	0.00	0	0.00	**-7999.90**	**-7999.90**
Length of 10				**624.91**							
131	131	-131	63.00	8039.90	8062.90	0.00	0.00	0	0.00	**-8062.90**	**-8062.90**
132	132	-132	62.90	8102.80	8125.80	0.00	0.00	0	0.00	**-8125.80**	**-8125.80**
133	133	-133	63.15	8165.95	8188.95	0.00	0.00	0	0.00	**-8188.95**	**-8188.95**
134	134	-134	62.10	8228.05	8251.05	0.00	0.00	0	0.00	**-8251.05**	**-8251.05**
135	135	-135	61.40	8289.45	8312.45	0.00	0.00	0	0.00	**-8312.45**	**-8312.45**
136	136	-136	61.55	8351.00	8374.00	0.00	0.00	0	0.00	**-8374.00**	**-8374.00**
137	137	-137	63.10	8414.10	8437.10	0.00	0.00	0	0.00	**-8437.10**	**-8437.10**
138	138	-138	62.55	8476.65	8499.65	0.00	0.00	0	0.00	**-8499.65**	**-8499.65**
139	139	-139	62.87	8539.52	8562.52	0.00	0.00	0	0.00	**-8562.52**	**-8562.52**
140	140	-140	62.50	8602.02	8625.02	0.00	0.00	0	0.00	**-8625.02**	**-8625.02**
Length of 10				**625.12**							
141	141	-141	62.55	8664.57	8687.57	0.00	0.00	0	0.00	**-8687.57**	**-8687.57**
142	142	-142	62.60	8727.17	8750.17	0.00	0.00	0	0.00	**-8750.17**	**-8750.17**
143	143	-143	63.10	8790.27	8813.27	0.00	0.00	0	0.00	**-8813.27**	**-8813.27**
144	144	-144	62.85	8853.12	8876.12	0.00	0.00	0	0.00	**-8876.12**	**-8876.12**
145	145	-145	63.20	8916.32	8939.32	0.00	0.00	0	0.00	**-8939.32**	**-8939.32**

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
146	146	-146	63.00	8979.32	9002.32	0.00	0.00	0	0.00	**-9002.32**	**-9002.32**
147	147	-147	63.23	9042.55	9065.55	0.00	0.00	0	0.00	**-9065.55**	**-9065.55**
148	148	-148	62.20	9104.75	9127.75	0.00	0.00	0	0.00	**-9127.75**	**-9127.75**
149	149	-149	63.00	9167.75	9190.75	0.00	0.00	0	0.00	**-9190.75**	**-9190.75**
150	150	-150	63.00	9230.75	9253.75	0.00	0.00	0	0.00	**-9253.75**	**-9253.75**
Length of 10				**628.73**							
151	151	-151	62.92	9293.67	9316.67	0.00	0.00	0	0.00	**-9316.67**	**-9316.67**
152	152	-152	62.90	9356.57	9379.57	0.00	0.00	0	0.00	**-9379.57**	**-9379.57**
153	153	-153	63.00	9419.57	9442.57	0.00	0.00	0	0.00	**-9442.57**	**-9442.57**
154	154	-154	62.55	9482.12	9505.12	0.00	0.00	0	0.00	**-9505.12**	**-9505.12**
155	155	-155	62.63	9544.75	9567.75	0.00	0.00	0	0.00	**-9567.75**	**-9567.75**
156	156	-156	62.23	9606.98	9629.98	0.00	0.00	0	0.00	**-9629.98**	**-9629.98**
157	157	-157	63.30	9670.28	9693.28	0.00	0.00	0	0.00	**-9693.28**	**-9693.28**
158	158	-158	63.85	9734.13	9757.13	0.00	0.00	0	0.00	**-9757.13**	**-9757.13**
159	159	-159	61.72	9795.85	9818.85	0.00	0.00	0	0.00	**-9818.85**	**-9818.85**
160	160	-160	62.52	9858.37	9881.37	0.00	0.00	0	0.00	**-9881.37**	**-9881.37**
Length of 10				**627.62**							
161	161	-161	64.98	9923.35	9946.35	0.00	0.00	0	0.00	**-9946.35**	**-9946.35**
162	162	-162	64.90	9988.25	10011.25	0.00	0.00	0	0.00	**-10011.25**	**-10011.25**
163	163	-163	62.55	10050.80	10073.80	0.00	0.00	0	0.00	**-10073.80**	**-10073.80**
164	164	-164	62.50	10113.30	10136.30	0.00	0.00	0	0.00	**-10136.30**	**-10136.30**
165	165	-165	63.10	10176.40	10199.40	0.00	0.00	0	0.00	**-10199.40**	**-10199.40**
166	166	-166	64.80	10241.20	10264.20	0.00	0.00	0	0.00	**-10264.20**	**-10264.20**
167	167	-167	62.97	10304.17	10327.17	0.00	0.00	0	0.00	**-10327.17**	**-10327.17**
168	168	-168	62.95	10367.12	10390.12	0.00	0.00	0	0.00	**-10390.12**	**-10390.12**
169	169	-169	64.30	10431.42	10454.42	0.00	0.00	0	0.00	**-10454.42**	**-10454.42**
170	170	-170	62.80	10494.22	10517.22	0.00	0.00	0	0.00	**-10517.22**	**-10517.22**
Length of 10				**635.85**							
171	171	-171	63.17	10557.39	10580.39	0.00	0.00	0	0.00	**-10580.39**	**-10580.39**
172	172	-172	63.10	10620.49	10643.49	0.00	0.00	0	0.00	**-10643.49**	**-10643.49**
173	173	-173	63.10	10683.59	10706.59	0.00	0.00	0	0.00	**-10706.59**	**-10706.59**
174	174	-174	63.20	10746.79	10769.79	0.00	0.00	0	0.00	**-10769.79**	**-10769.79**
175	175	-175	63.15	10809.94	10832.94	0.00	0.00	0	0.00	**-10832.94**	**-10832.94**
176	176	-176	63.17	10873.11	10896.11	0.00	0.00	0	0.00	**-10896.11**	**-10896.11**
177	177	-177	63.22	10936.33	10959.33	0.00	0.00	0	0.00	**-10959.33**	**-10959.33**
178	178	-178	63.70	11000.03	11023.03	0.00	0.00	0	0.00	**-11023.03**	**-11023.03**
179	179	-179	61.90	11061.93	11084.93	0.00	0.00	0	0.00	**-11084.93**	**-11084.93**
180	180	-180	63.10	11125.03	11148.03	0.00	0.00	0	0.00	**-11148.03**	**-11148.03**
Length of 10				**630.81**							
181	181	-181	63.17	11188.20	11211.20	0.00	0.00	0	0.00	**-11211.20**	**-11211.20**
182	182	-182	63.10	11251.30	11274.30	0.00	0.00	0	0.00	**-11274.30**	**-11274.30**
183	183	-183	63.20	11314.50	11337.50	0.00	0.00	0	0.00	**-11337.50**	**-11337.50**
184	184	-184	63.17	11377.67	11400.67	0.00	0.00	0	0.00	**-11400.67**	**-11400.67**
185	185	-185	62.20	11439.87	11462.87	0.00	0.00	0	0.00	**-11462.87**	**-11462.87**
186	186	-186	63.10	11502.97	11525.97	0.00	0.00	0	0.00	**-11525.97**	**-11525.97**
187	187	-187	62.20	11565.17	11588.17	0.00	0.00	0	0.00	**-11588.17**	**-11588.17**
188	188	-188	63.15	11628.32	11651.32	0.00	0.00	0	0.00	**-11651.32**	**-11651.32**
189	189	-189	63.20	11691.52	11714.52	0.00	0.00	0	0.00	**-11714.52**	**-11714.52**
190	190	-190	63.10	11754.62	11777.62	0.00	0.00	0	0.00	**-11777.62**	**-11777.62**
Length of 10				**629.59**							
191	191	-191	62.10	11816.72	11839.72	0.00	0.00	0	0.00	**-11839.72**	**-11839.72**
192	192	-192	62.00	11878.72	11901.72	0.00	0.00	0	0.00	**-11901.72**	**-11901.72**
193	193	-193	64.60	11943.32	11966.32	0.00	0.00	0	0.00	**-11966.32**	**-11966.32**
194	194	-194	63.10	12006.42	12029.42	0.00	0.00	0	0.00	**-12029.42**	**-12029.42**
195	195	-195	63.15	12069.57	12092.57	0.00	0.00	0	0.00	**-12092.57**	**-12092.57**
196	196	-196	63.15	12132.72	12155.72	0.00	0.00	0	0.00	**-12155.72**	**-12155.72**
197	197	-197	62.30	12195.02	12218.02	0.00	0.00	0	0.00	**-12218.02**	**-12218.02**
198	198	-198	63.10	12258.12	12281.12	0.00	0.00	0	0.00	**-12281.12**	**-12281.12**
199	199	-199	63.03	12321.15	12344.15	0.00	0.00	0	0.00	**-12344.15**	**-12344.15**

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
200	200	-200	62.10	12383.25	12406.25	0.00	0.00	0	0.00	-12406.25	-12406.25
Length of 10				628.63							
201	201	-201	63.20	12446.45	12469.45	0.00	0.00	0	0.00	-12469.45	-12469.45
202	202	-202	63.20	12509.65	12532.65	0.00	0.00	0	0.00	-12532.65	-12532.65
203	203	-203	63.05	12572.70	12595.70	0.00	0.00	0	0.00	-12595.70	-12595.70
204	204	-204	63.10	12635.80	12658.80	0.00	0.00	0	0.00	-12658.80	-12658.80
205	205	-205	63.10	12698.90	12721.90	0.00	0.00	0	0.00	-12721.90	-12721.90
206	206	-206	63.15	12762.05	12785.05	0.00	0.00	0	0.00	-12785.05	-12785.05
207	207	-207	62.90	12824.95	12847.95	0.00	0.00	0	0.00	-12847.95	-12847.95
208	208	-208	62.17	12887.12	12910.12	0.00	0.00	0	0.00	-12910.12	-12910.12
209	209	-209	63.10	12950.22	12973.22	0.00	0.00	0	0.00	-12973.22	-12973.22
210	210	-210	63.10	13013.32	13036.32	0.00	0.00	0	0.00	-13036.32	-13036.32
Length of 10				630.07							
211	211	-211	63.10	13076.42	13099.42	0.00	0.00	0	0.00	-13099.42	-13099.42
212	212	-212	62.50	13138.92	13161.92	0.00	0.00	0	0.00	-13161.92	-13161.92
213	213	-213	62.60	13201.52	13224.52	0.00	0.00	0	0.00	-13224.52	-13224.52
214	214	-214	62.60	13264.12	13287.12	0.00	0.00	0	0.00	-13287.12	-13287.12
215	215	-215	61.90	13326.02	13349.02	0.00	0.00	0	0.00	-13349.02	-13349.02
216	216	-216	62.50	13388.52	13411.52	0.00	0.00	0	0.00	-13411.52	-13411.52
217	217	-217	63.00	13451.52	13474.52	0.00	0.00	0	0.00	-13474.52	-13474.52
218	218	-218	62.92	13514.44	13537.44	0.00	0.00	0	0.00	-13537.44	-13537.44
219	219	-219	30.77	13545.21	13568.21	0.00	0.00	0	0.00	-13568.21	-13568.21
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Length of 10				531.89							
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#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
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Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							
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#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
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Length of 10				0.00							
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Length of 10				0.00							
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#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							
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#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
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Length of 10				0.00							
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Length of 10				0.00							
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#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	TO FISH TOP	2ND FISH TOP
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Length of 10				0.00							
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Length of 10				0.00							
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Length of 10				0.00							