

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

BF-078513

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Arnaud /A/ #3

9. API Well No.

30-045-28184

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal Gas

11. County or Parish, State

San Juan

New Mexico

1. Type of Well

☐ Oil Well ☐ Gas Well

☒ Other Coal Degas

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mike Curry

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1090' FNL X 930' FEL A Sec. 20 T 32N R 9W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

Repair

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)*

Repair well to cleanout and remove coal plugged in tubing.

RECEIVED
AUG - 6 1993
OIL CON. DIV.
DIST. 3

53 JUL 22 PM 3:16
OIL CONSERVATION DIV., NM

RECEIVED
BLM

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

Signed

Michael P. Curry

Title

Business Analyst

Date

7-20-93

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

APPROVED
AUG 02 1993
DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

SPECIFIC INSTRUCTIONS

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 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones,

or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE - The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2)
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION - Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

COMPANY AMOCO PRODUCTION COMPANY
WELL ARNAUD /A/ NO. 3
FIELD Basin Fruitland Coal
COUNTY SAN JUAN STATE NEW MEXICO

LOCATION:
1090' FNL B 930' FEL
SEC. 20 TWP 32N RGE 9W

CASING RECORD

TOTAL GAS DETECTOR.....	
CHROMATOGRAPH ANALYSIS	
METHANE — 1	PENTANES — 5
ETHANE — 2	HELIUM — 6
PROPANE — 3	
BUTANES — 4	
RESULTS IN MOLE PERCENT GAS/AIR	

SIZE	FROM	TO
7"	0	3319

ELEVATION	
GL	
DF	
KB	6798

AWS RIG NO. 56

COAL-BLK, BN BLK, SB
PLTY, SEMI VIT, MOD
RTHY, PRLY CLEATED,
PR BLDG GAS

SS-LT GY, GY BN, F-VFG,
SB ANG-SB RND, MSTLY
UNCONS, SM FRI, SLI
S & P

ABNT LT GY, MICA BENT

COAL-50% BLK, SB PLTY,
SEMI VIT, V/RTHY TO
MOD RTHY, PR CLEATING,
PR BLDG GAS & 50 %
BN BLK, SB PLTY, DULL,
V/RTHY

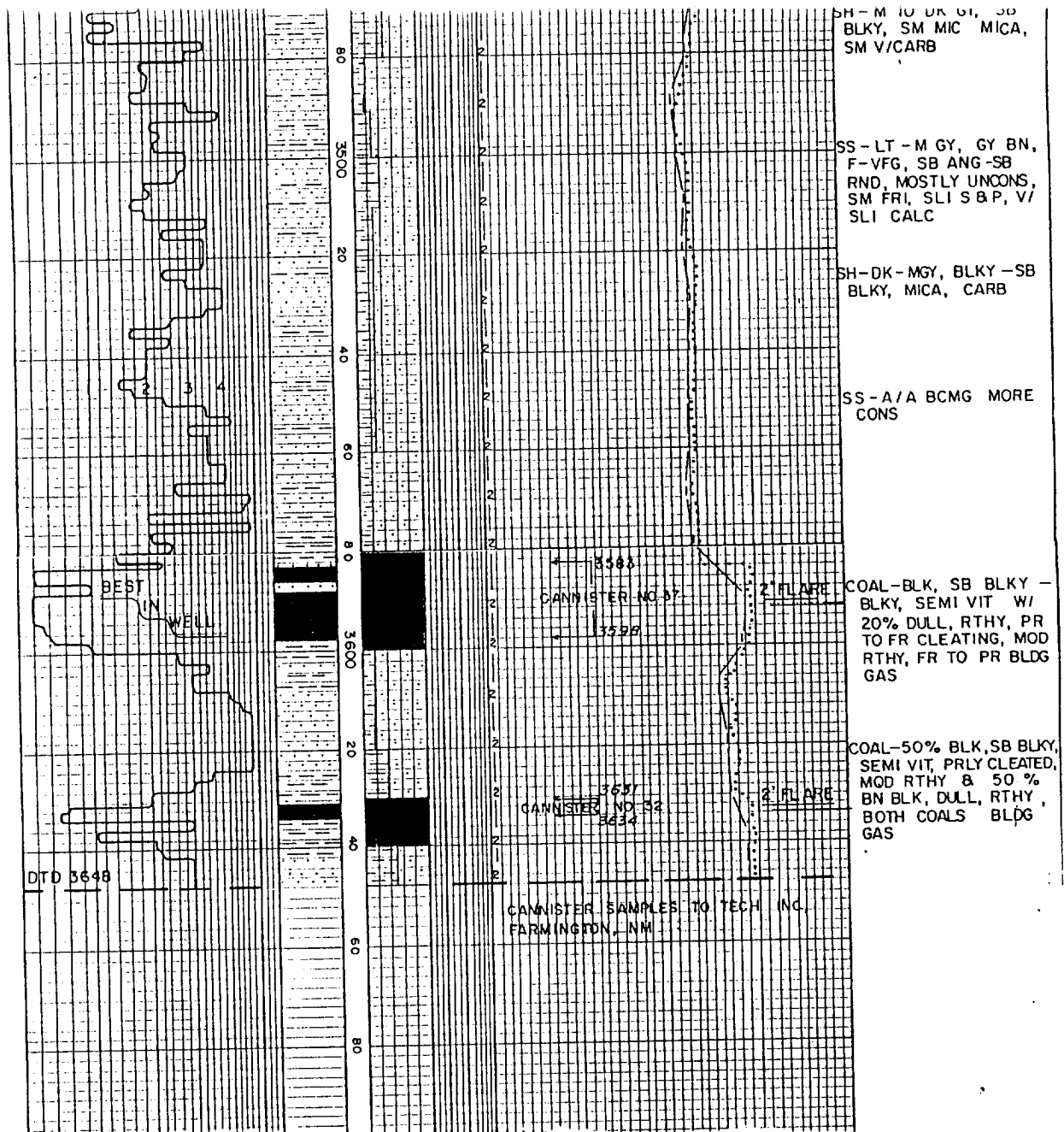
COAL-BLK, SB BLKY,
SEMI VIT, W/20% DULL,
MOD RTHY, PR TO FR
CLEATING, FR BLDG GAS,
20% BN BLK, DULL V/
RTHY

SS-LT GY, GY BN, VF-FG,
SB ANG-SB RND,
UNCONS

SH - M TO DK GY, SB
BLKY, SM MIC MICA,
SM V/CARB

SS-LT-M GY, GY BN,
F-VFG, SB ANG-SB
RND, MOSTLY UNCONS,
SM FRI, SLI S & P, V/
SLI CALC

SH-DK-MGY, BLKY-SB
BLKY, MICA, CARB



DATE 12-21-91

3648

COMPLETE IN DETAIL.
TC, FBTD
Casing & Tubing Depths
Perforations
Packers, Nipples, etc.
HYDROCALIT

WEIGHT OF TUBING STRING 15880 lbs. OIL PACKER N/A lbs. OIL HANGER 15880 lbs.

WELLHEAD W.P. 3000 psi. MAKE Emc ☒ Flanged ☐ Screwed

MASTER VALVE TYPE GATE MAKE Emc W.P. 3000

SIZE 2 7/16 in. HSB TRIP? ☐ YES ☒ NO

CASING VALVES TYPE GATE MAKE Emc W.P. 3000

SIZE 2 7/16 in. HSB TRIP? ☐ YES ☒ NO

SURFACE CASING STATUS CMT TO SURFACE

CHOKE TYPE _____ MAKE _____

REMARKS (Note Additional Equipment) BAN 100' Ls (33-70')
2 3/4" 4 1/2" J-55 "FRN" 8' d ENF TUBG
landed @ 3383' "F" N. y. g. has 1.78" profile

C. Russell
AMSCO - REPRESENTATIVE



Amoco Production Company

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY Arnaud A WELL No. 3 DATE 12-3-90, 19__
PIPE RUN. SIZE 9.625 WEIGHT 36 GRADE K-55 TYPE JOINT LT+L MAKE _____ NO. FT. 262.50
PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____
PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN	
1	1 00.	51		101		151		201		251		NO.	LENGTH OF JOINT
* 2	44 10	52		102		152		202		252		1	
3	43 41	53		103		153		203		253		2	
* 4	43 52	54		104		154		204		254		3	
5	44 11	55		105		155		205		255		4	
* 6	43 68	56		106		156		206		256		5	
7	43 68	57		107		157		207		257		6	
8		58		108		158		208		258		7	
9		59		109		159		209		259		8	
10		60		110		160		210		260		9	
11		61		111		161		211		261		10	
12		62		112		162		212		262		11	
13		63		113		163		213		263		12	
14		64		114		164		214		264		13	
15		65		115		165		215		265		14	
16		66		116		166		216		266		15	
17		67		117		167		217		267		16	
18		68		118		168		218		268		17	
19		69		119		169		219		269		18	
20		70		120		170		220		270		19	
21		71		121		171		221		271		20	
22		72		122		172		222		272		21	
23		73		123		173		223		273		22	
24		74		124		174		224		274		23	
25		75		125		175		225		275		24	
26		76		126		176		226					
27		77		127		177		227					
28		78		128		178		228					
29		79		129		179		229					
30		80		130		180		230					
31		81		131		181		231					
32		82		132		182		232					
33		83		133		183		233					
34		84		134		184		234					
35		85		135		185		235					
36		86		136		186		236					
37		87		137		187		237					
38		88		138		188		238					
39		89		139		189		239					
40		90		140		190		240					
41		91		141		191		241					
42		92		142		192		242					
43		93		143		193		243					
44		94		144		194		244					
45		95		145		195		245					
46		96		146		196		246					
47		97		147		197		247					
48		98		148		198		248					
49		99		149		199		249					
50		100		150		200		250					

263.50.

Form 943 2-71

APPROVED

WR Fuly - 591

Amoco Representative



Amoco Production Company

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY Arnaud A WELL No. 3 DATE 12-5-90, 19__
PIPE RUN SIZE 7" WEIGHT 23# GRADE K-55 TYPE JOINT LToc MAKE _____ NO. FT. 3405.33
PIPE RUN SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____
PIPE RUN SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN	
												NO.	LENGTH OF JOINT
Shoe	80	51	42 27	101		151		201		251			
* 2	35 83	52	42 22	102		152		202		252		1	42 22
3	40 10	53	42 37	103		153		203		253		2	42 33
Float	1 00	54	42 27	104		154		204		254		3	
* 5	42 32	55	41 95	105		155		205		255		4	
6	42 40	56	42 31	106		156		206		256		5	
* 7	42 21	57	42 25	107		157		207		257		6	
8	42 32	58	42 25	108		158		208		258		7	
* 9	42 30	59	42 27	109		159		209		259		8	
10	42 33	60	42 34	110		160		210		260		9	
* 11	42 31	61	42 27	111		161		211		261		10	
12	42 33	62	42 27	112		162		212		262		11	
* 13	42 31	63	35 81	113		163		213		263		12	
14	42 36	64	42 24	114		164		214		264		13	
15	42 31	65	42 25	115		165		215		265		14	
16	42 33	66	42 28	116		166		216		266		15	
17	42 25	67	42 29	117		167		217		267		16	
18	42 30	68	42 30	118		168		218		268		17	
19	42 30	69	42 34	119		169		219		269		18	
20	42 32	70	42 22	120		170		220		270		19	
21	42 36	71	42 25	121		171		221		271		20	
22	42 34	72	42 32	122		172		222		272		21	
23	42 32	73	42 33	123		173		223		273		22	
24	42 25	74	42 29	124		174		224		274		23	
25	42 33	75	41 65	125		175		225		275		24	
26	42 34	76	42 34	126		176		226					84 55
27	42 30	77	42 31	127		177		227					
28	42 34	78	42 25	128		178		228					
29	42 31	79	42 34	129		179		229					
30	42 30	80	42 28	130		180		230					
31	42 33	81	42 32	131		181		231					
32	42 29	82	42 22	132		182		232					
33	42 32	83	42 33	133		183		233					
34	42 30	84		134		184		234					
35	42 31	85		135		185		235					
36	42 31	86		136		186		236					
37	42 26	87		137		187		237					
38	42 29	88		138		188		238					
39	37 52	89		139		189		239					
* 40	42 34	90		140		190		240					
41	42 34	91		141		191		241					
42	42 21	92		142		192		242					
* 43	42 31	93		143		193		243					
44	42 28	94		144		194		244					
45	42 34	95		145		195		245					
46	42 25	96		146		196		246					
47	42 28	97		147		197		247					
48	42 30	98		148		198		248					
49	42 39	99		149		199		249					
50	42 24	100		150		200		250					
										NO. JOINTS DELIVERED		81	
										NO. JOINTS RUN		79	
										TOTAL RUN—OVERALL		3322.58	
										OFF FOR THREADS		27.20	
										TOTAL—THREADS OFF		3295.38	
										TOP PIPE BELOW:			
										☐ ROTARY DRIVE BUSHING			
										☒ DERRICK FLOOR		13.-	
										DEPTH LANDED		3308.38	
										REMARKS:			
										* centralizer			
										● cmt Basket			
										Cmt Top 600'			
										Measure tubular goods with steel tape			
										only. Use white tape when possible.			
										Record tape readings in feet and			
										hundredths.			

2019.13 1388.-

Form 943 2-71

3407.13

APPROVED

WR Fultz - 591

Amoco Representative



Amoco Production Company

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY

ARNAUD "A"

WELL No.

3

DATE

12-21-

1991

PIPE RUN SIZE

23/8

WEIGHT

4.7

GRADE

J-55

TYPE JOINT

8rd EUE

MAKE

"FBN"

NO. FT.

3655.13

PIPE RUN SIZE

WEIGHT

GRADE

TYPE JOINT

MAKE

NO. FT.

PIPE RUN SIZE

WEIGHT

GRADE

TYPE JOINT

MAKE

NO. FT.

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN
1	76	51	31 80	101	31 81	151		201		251		NO LENGTH OF JOINT
2	32 39	52	32 43	102	31 79	152		202		252		1 31 85
3	92	53	32 40	103	31 76	153		203		253		2 32 45
4	32 37	54	31 80	104	31 81	154		204		254		3 32 55
5	32 41	55	31 75	105	32 22	155		205		255		4 29 60
6	29 06	56	31 79	106	31 81	156		206		256		5 32 37
7	31 77	57	32 48	107	32 49	157		207		257		6 32 33
8	32 40	58	31 66	108	31 81	158		208		258		7 30 27
9	31 81	59	31 75	109		159		209		259		8 31 75
10	31 77	60	32 45	110		160		210		260		9 31 66
11	31 46	61	31 81	111		161		211		261		10
12	29 02	62	31 79	112		162		212		262		11
13	31 76	63	31 75	113		163		213		263		12
14	31 72	64	31 77	114		164		214		264		13
15	31 80	65	28 20	115		165		215		265		14
16	31 80	66	32 44	116		166		216		266		15
17	31 64	67	31 80	117		167		217		267		16
18	32 43	68	31 76	118		168		218		268		17
19	31 80	69	31 84	119		169		219		269		18
20	31 48	70	31 79	120		170		220		270		19
21	31 48	71	31 80	121		171		221		271		20
22	31 78	72	31 79	122		172		222		272		21
23	31 46	73	31 76	123		173		223		273		22
24	31 81	74	31 81	124		174		224		274		23
25	32 39	75	31 78	125		175		225		275		24
26	31 79	76	31 80	126		176		226				284 83
27	31 80	77	31 79	127		177		227				
28	31 80	78	31 79	128		178		228				NO. JOINTS DELIVERED 115
29	31 79	79	31 78	129		179		229				NO. JOINTS RUN 106 + 5 Hoe
30	32 41	80	31 78	130		180		230				"F" Nipple
31	31 80	81	31 80	131		181		231				TOTAL RUN—OVERALL 3370.3
32	31 78	82	31 77	132		182		232				OFF FOR THREADS
33	31 44	83	31 79	133		183		233				TOTAL—THREADS OFF 3370.3
34	31 83	84	31 80	134		184		234				TOP PIPE BELOW:
35	31 81	85	31 79	135		185		235				☒ ROTARY DRIVE BUSHING 13.00
36	31 81	86	31 82	136		186		236				☐ DERRICK FLOOR
37	32 42	87	31 78	137		187		237				DEPTH LANDED 3383.30
38	31 79	88	31 80	138		188		238				REMARKS:
39	31 79	89	31 79	139		189		239				Run Muleshoe, 1 ft
40	31 80	90	31 80	140		190		240				+ 60, "F" Nipple w/ 1.78"
41	31 81	91	32 40	141		191		241				profile, 105 yds tag.
42	32 46	92	31 80	142		192		242				
43	31 81	93	31 79	143		193		243				
44	31 81	94	30 16	144		194		244				
45	32 40	95	31 84	145		195		245				
46	31 75	96	31 80	146		196		246				Measure tubular goods with steel tape
47	31 76	97	31 80	147		197		247				only. Use white tape when possible.
48	31 77	98	31 79	148		198		248				Record tape readings in feet and
49	31 77	99	31 78	149		199		249				hundredths.
50	31 74	100	31 81	150		200		250				

3370.3