

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O.Box 2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	3004523856
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Armenta Gas Com C
8. Well No.	1E
9. Pool name or Wildcat	Basin Dakota/Mesaverde

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER	
2. Name of Operator Amoco Production Company	Attention: Gail M. Jefferson
3. Address of Operator P.O. Box 800 Denver Colorado 80201	
4. Well Location Unit Letter C : 435 Feet From The North Line and 1590 Feet From The West Line Section 27 Township 29N Range 10W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☒	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company requests permission to plug the Dakota and recomplete the above referenced well to the Mesaverde. Procedures for this request is attached.

Also please be advised Amoco has filed an application for a non standard location.

If you have any technical questions please contact Mike Kutas at (303) 830-5159 or Gail Jefferson for any administrative concerns.

RECEIVED
MAR 2 0 1995

OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Gail M. Jefferson TITLE Business Assistant DATE 03-17-1995
TYPE OR PRINT NAME Gail M. Jefferson TELEPHONE NO. (303) 830-6157

(This space for State Use)

APPROVED BY Mike Bunch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 21 1995
CONDITIONS OF APPROVAL, IF ANY: Hold C-104 for NSC

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3004523856		2 Pool Code 000274		3 Pool Name Blanco Mesaverde		
4 Property Code 72319		5 Property Name Armenta Gas Com C			6 Well Number 1E	
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation	

10 Surface Location

UL or lot no. c	Section 27	Township 29N	Range 10W	Lot Idn	Feet from the 435	North/South line North	Feet from the 1590	East/West line West	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320.00		13 Joint or Infill N		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 1590'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Gail M. Jefferson Printed Name Business Assistant Title 03-17-1995 Date	
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. September 13, 1979 Date of Survey Signature and Seal of Professional Surveyer: 3950 Certificate Number	

RECEIVED
MAR 20 1995
OIL CON. DIV.
DOW

OFFSET OPERATORS ADDRESS LIST FOR
ARMENTA GAS COM C 1E

Meridian Oil Inc.
P. O. Box 51810
Midland, Texas 79710-1810

Conoco Inc.
10 Desta Drive West
Midland, Texas 79705-4515

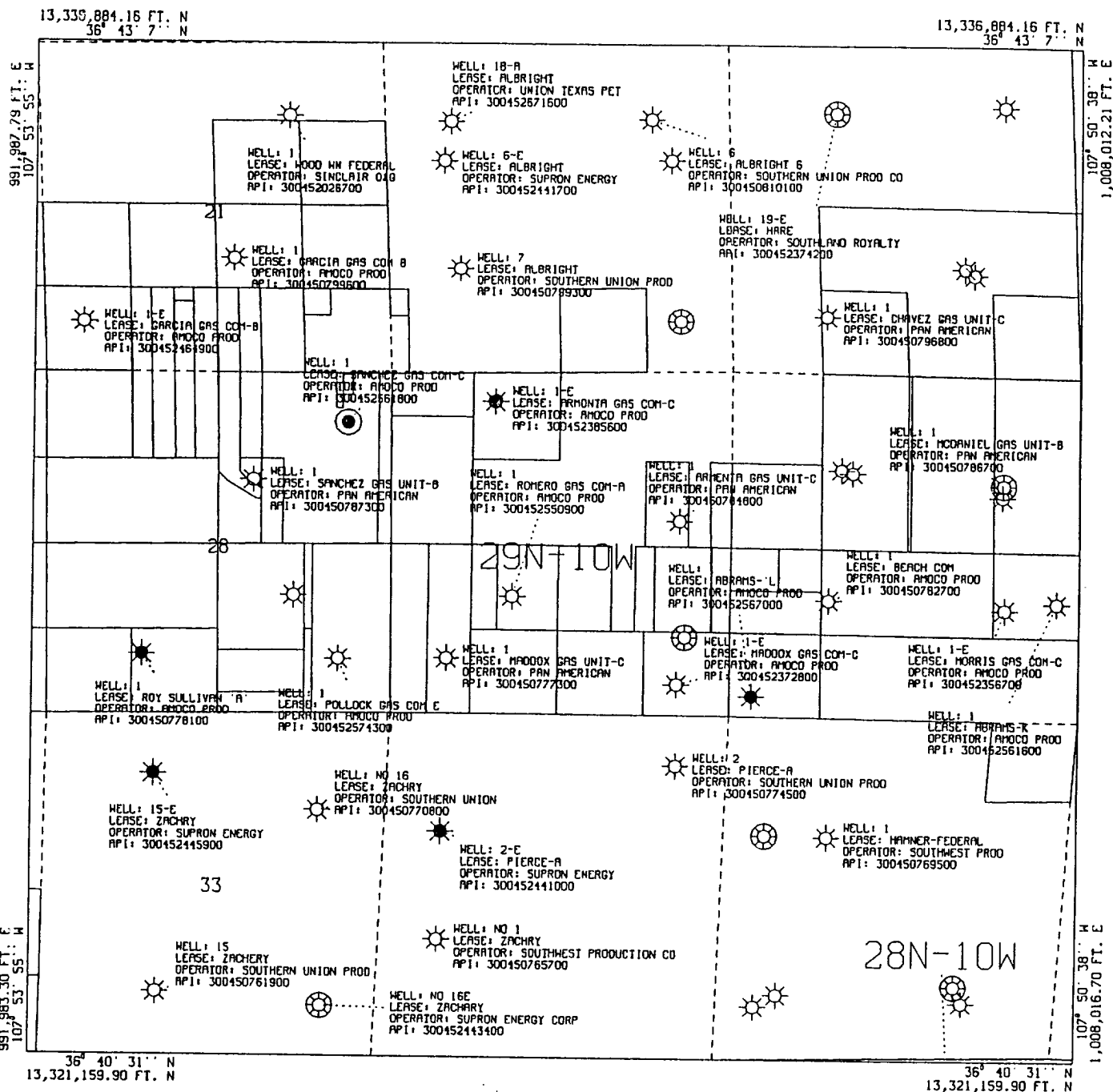
Southland Royalty Co.
P. O. Box 910497
Dallas, Texas 75391-0497

Southwest Productions Inc.
812 Gold SW
Albuquerque, New Mexico 87102

Arco Oil and Gas Company
P. O. Box 910355
Dallas, Texas 75391-0355

OFFSET DK + MV WELLS TO THE ARMENTA GAS COM C 1E

fm	wellname	operator	location
DK	ZACHRY 15	MERIDIAN OIL INC	N332910-015 DK
DK	SULLIVAN GAS COM C 1	AMOCO PRODUCTION CO	N282910-001 DK
DK	CHAVEZ GAS COM /C/	AMOCO PRODUCTION CO	N232910-001 DK
DK	ALBRIGHT 6	MERIDIAN OIL INC	A222910-006 DK
DK	ALBRIGHT 7	MERIDIAN OIL INC	L222910-007 DK
DK	HAMNER FEDERAL 1	CONOCO INC	F352910-001 DK
DK	WOOD WN FEDERAL 1	ARCO OIL & GAS CO	B212910-001 DK
DK	ARMENTA GAS COM C 1E	AMOCO PRODUCTION CO	C272910-001EDK
DK	ZACHRY 17 E	MERIDIAN OIL INC	O352910-017EDK
DK	ALBRIGHT 7E	MERIDIAN OIL INC	P222910-007EDK
DK	ZACHRY 17	MERIDIAN OIL INC	M352910-017 DK
DK	ZACHRY FEDERAL 1	SOUTHWEST PRODUCTION	L342910-001 DK
DK	ZACHRY 16	MERIDIAN OIL INC	H332910-016 DK
DK	PIERCE A 2 E	MERIDIAN OIL INC	E342910-002EDK
DK	ALBRIGHT 6E	MERIDIAN OIL INC	E222910-006EDK
DK	ZACHRY 15 E	MERIDIAN OIL INC	C332910-015EDK
DK	HARE 19 E	SOUTHLAND ROYALTY CO	C232910-019EDK
DK	PIERCE A 2	MERIDIAN OIL INC	A342910-002 DK
DK	HARE 19	SOUTHLAND ROYALTY CO	A232910-019 DK
DK	ZACHRY 16 E	MERIDIAN OIL INC	P332910-016EDK
DK	MADDOX GAS COM C 1	AMOCO PRODUCTION CO	M272910-001 DK
DK	SULLIVAN GAS COM C 1E	AMOCO PRODUCTION CO	J282910-001EDK
DK	SANCHEZ GAS COM B 1E	AMOCO PRODUCTION CO	E282910-001EDK
DK	MORRIS GAS COM C 1E	AMOCO PRODUCTION CO	I262910-001EDK
DK	MORRIS GAS COM C 1	AMOCO PRODUCTION CO	K262910-001 DK
DK	MCDANIEL GAS COM B 1E	AMOCO PRODUCTION CO	F262910-001EDK
DK	MCDANIEL GAS COM B 1	AMOCO PRODUCTION CO	H262910-001 DK
DK	MADDOX GAS COM C 1E	AMOCO PRODUCTION CO	P272910-001EDK
DK	CHAVEZ GAS COM C 1R	AMOCO PRODUCTION CO	J232910-001RDK
DK	ARMENTA GAS COM C 1	AMOCO PRODUCTION CO	H272910-001 DK
DK	GARCIA GAS COM B 1E	AMOCO PRODUCTION CO	M212910-001EDK
DK	GARCIA GAS COM B 1	AMOCO PRODUCTION CO	J212910-001 DK
DK	SANCHEZ GAS COM B 1	AMOCO PRODUCTION CO	G282910-001 DK
MV	SANCHEZ GAS COM C 1	AMOCO PRODUCTION CO	A282910-001 MV
MV	ROMERO GAS COM A 1A	AMOCO PRODUCTION CO	P272910-001AMV
MV	HARE 19 E	SOUTHLAND ROYALTY CO	C232910-019EMV
MV	ROMERO GAS COM A 1	AMOCO PRODUCTION CO	K272910-001 MV
MV	ALBRIGHT 18 A	MERIDIAN OIL INC	D222910-018AMV
MV	ZACHRY 51	MERIDIAN OIL INC	M352910-051 MV
MV	ALBRIGHT 18	MERIDIAN OIL INC	H222910-018 MV
MV	ABRAMS L 1A	AMOCO PRODUCTION CO	I262910-001AMV
MV	MOSS FEDERAL GAS COM A-TRUE 1	AMOCO PRODUCTION CO	J232910-001 MV
MV	ALBRIGHT 7E	MERIDIAN OIL INC	P222910-007EMV
MV	ABRAMS L 1	AMOCO PRODUCTION CO	M262910-001 MV
MV	ALBRIGHT 7A	MERIDIAN OIL INC	K222910-007AMV
MV	BACA GAS COM A 1A	AMOCO PRODUCTION CO	F262910-001AMV
MV	ZACHRY 43	MERIDIAN OIL INC	O352910-043 MV
MV	BACA GAS COM A 1	AMOCO PRODUCTION CO	H262910-001 MV
MV	M POLLOCK GAS COM E 1	AMOCO PRODUCTION CO	P282910-001 MV



All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

POLYCONIC CENTRAL MERIDIAN - 107° 52' 17" W LONG
SPHEROID - 6

AMOCO PRODUCTION COMPANY
PLAT MAP

Armenta Gas Com C 1E
dk and mv offsets

SCALE 1 IN. = 2,000 FT. FEB 22, 1995

HORIZONTAL DATUM NAD27

SJOET Well Work Procedure

Armenta GC C 1E
Version: #1
Date: March 9, 1995
Budget: DRA/Recompletion
Work Type: PxA/Recompletion

Objectives:

1. Plug DK.
2. Pressure test casing; Repair leaks if required.
3. Complete the Menefee/Point Lookout; Shut-in well pending first delivery approval.

Pertinent Information:

Location:	435' FNL x 1590' FWL, C27, T29N, R10W	Horizon:	DK/MV
County:	San Juan	API #:	30-045-23856
State:	New Mexico	Engr:	Kutas
Lease:	Fee	Phone:	H--(303)840-3700
Well Flac:	290027		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	50%		
Estimated Cost:	\$140,000	MV Anticipated Prod.:	150 MCFD
Max Cost -12 Mo. P.O.			
PV15:	\$M		
Max Cost PV15:	\$M		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee	3515-4166'
Ojo Alamo:		Point Lookout:	4166-4362'
Kirtland Shale:		Mancos Shale:	4362-5330'
Fruitland:	1561-1799'	Gallup:	5330-5672'
Pictured Cliffs:	1799-1889'	Graneros:	
Lewis Shale:	1889-3481'	Dakota:	6240'-TD
Cliff House	3481-3515'	Morrison:	

Bradenhead Test Information:

Test Date: 9/9/93 **Tubing:** psi **Casing:** psi **BH:** 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Armenta GC C 1E
Orig. Comp. 2/80
TD = 6564', PBTD = 6540'
Page 2 of 2

1. Contact State agency prior to starting work.
2. Install and/or test anchors.
3. MIRUSU. Check and record tubing, casing and bradenhead pressures.
4. Blow down well. Kill if necessary with water. TOH with 2 3/8" tbg. NDWH. NUBOP. RIH with tbg and cement retainer, set retainer at 6275'. Squeeze perms at 6321' to 6490' with 51 cuft cement. Sting out of retainer and spot 100' (8.7' cuft) cement on top of retainer. TOH with 500' TBG. WOC.
5. TIH and tag CMT. Circulate hole clean. Pressure test casing 3000 psig.
6. Run CBL/CCL/GR from PBD to surface. Determine TOC. Relay CBL info to Mike Kutas in Denver to verify if remedial cement squeezes will be needed prior to any frac treatment. Tie into GO CDL-SNP log dated 1-17-80 for depth control. Perf select fire-14 shots-at 3827', 3891', 3959', 4060', 4179', 4187', 4210', 4223', 4235', 4241', 4271', 4277', 4321', and 4355' with 1 JSPF and 3 1/8" HCP, 12.5 gm, 0.34" EHD casing gun. RIH with TBG and PKR, set PKR at 3750' and break down/ball off perms with 2% KCl water and 1.1. SG-7/8" RCN balls. Knock off balls with PKR. TOH with PKR. Frac perms at 3827-4355' according to the attached frac procedure. Shut in well over night. Flow well back to tank on a 1/4" choke for 8 hours, then increase choke to 1/2".
7. RIH with 2 3/8" TBG, c/o sand to 4450', raise and set TBG at 4250' (1/2 mule shoe on btm and SN 1 Jt off btm). RDMOSU. Flow well to clean up and test. Shut-in well pending first delivery approval.
8. **Note:** Since this procedure involves recompletion and DRA expenditures, please be sure to label all invoices accordingly so that costs can be accounted for properly.

Amoco Production Company

ENGINEERING CHART

Sheet No _____ Of _____

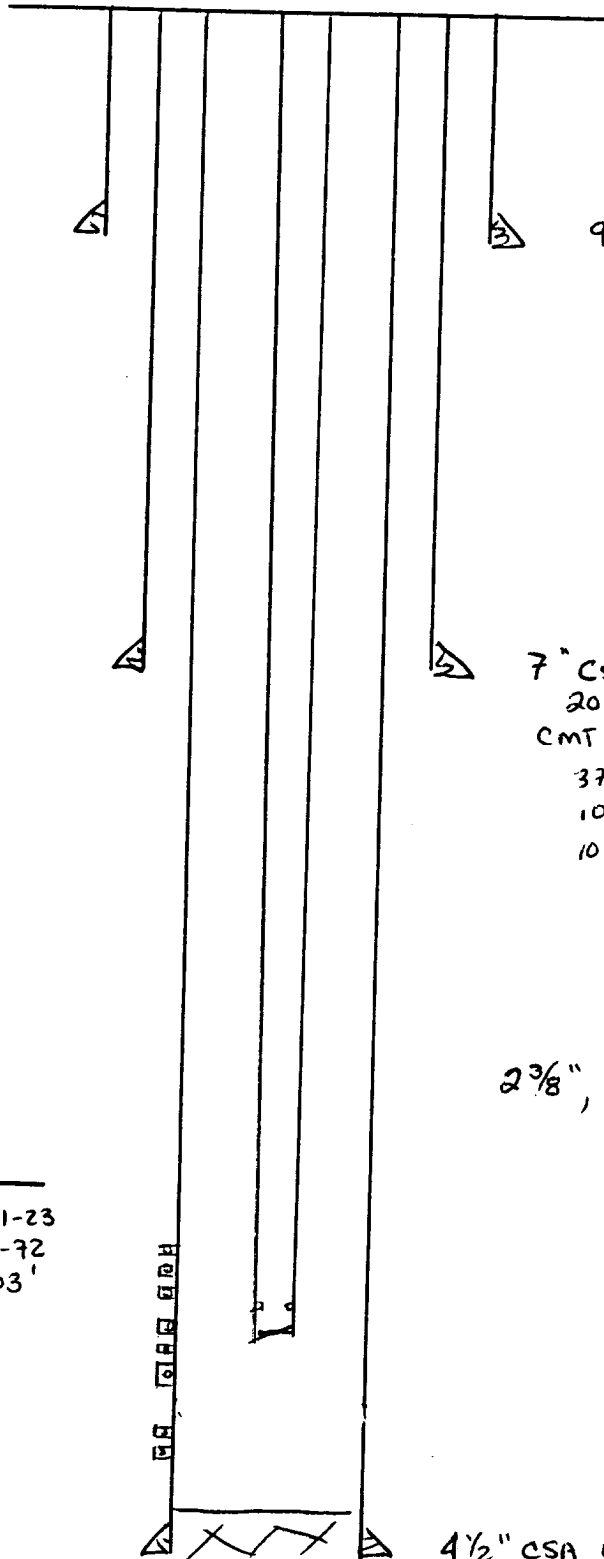
File _____

Appn _____

Date 4-6-94

By GMIK

SUBJECT ARMENTA GC CIR



9 5/8" CSA 292'
32.3 # H40
CMT circ'd

7" CSA 2198'
20 # KSS
CMT w/475 SXS

375 B 50/50 6 1/2 gal 2 # Tuff Plug
100 B NENT
10 SXS circ'd out

2 3/8", 4.7 # JSS, TSA 6344'
SN: 1/2 mile ~~sh~~ COLLAR ON BTM

PERFS

6300-18, 21-23
26-35, 60-72
6387-6403'

6457-61
6482-90

6300-18
26-35
60-72
6387-6403
6457-61
6482-90

PBD=6540'

4 1/2" CSA 6564'
11.6 # KSS
CMT w/530 SXS

1 1/2" vs 6 1/4" → 0.1026 ft³/ft

120 × 1.73 ft³/SXS = 726.6

110 × 1.18 ft³/SXS = 129.8

$E = \frac{726.6 - 129.8}{0.1026} = 8347'$

6 1/4" Hc16

420 SXS 50/50 6 1/2 gal NO CIRC
110 SXS B NENT