

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised October 15, 2009

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date New Well / 06/20/12
⁴ API Number 30 - 015-38336	⁵ Pool Name Santo Nino Bone Spring	⁶ Pool Code 54600
⁷ Property Code 37976	⁸ Property Name Bradley 29 Federal Com	⁹ Well Number 3H

II. ¹⁰ Surface Location

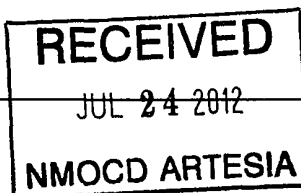
UL or lot no I	Section 29	Township 18S	Range 30E	Lot Idn	Feet from the 2150'	North/South Line South	Feet from the 260'	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no L	Section 29	Township 18S	Range 30E	Lot Idn	Feet from the 2423'	North/South line South	Feet from the 339'	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 06/15/12	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing 3514 Lovington Hwy Hobbs, NM 88240	O
221115	Frontier Field Services 4200 E. Skelly Drive Suite 700 Tulsa, OK 74135	G



IV. Well Completion Data

²¹ Spud Date 04/27/12	²² Ready Date 06/15/12	²³ TD 12690' MD 8172' TVD	²⁴ PBDT 12625' (MD) 8172' (TVD)	²⁵ Perforations 8617' - 12625' (MD) 8211' - 8172' (TVD)	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/4"	333'	350		
12 1/4"	9 5/8"	1512'	988		
8 3/4"	7"	8525' (MD) 8213' (TVD)	1200		
6 1/4"	4 1/2" Liner 2 7/8"	8264' to 12625' (MD) 8167' to 8172' (TVD) 7857' (MD)	TOL @ 8264' (MD) pre @ 7746'		

V. Well Test Data

³¹ Date New Oil 06/20/12	³² Gas Delivery Date 06/20/12	³³ Test Date 06/25/12	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 300	³⁶ Csg. Pressure 1060
³⁷ Choke Size NA	³⁸ Oil 267	³⁹ Water 617	⁴⁰ Gas 121	⁴¹ Test Method Producing	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
Jackie Lathan

Title:
Hobbs Regulatory

E-mail Address:
jlathan@mewbourne.com

Date:
06/25/12

Phone:
575-393-5905

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

T. C. Shepard
06/25/12
7/25/2012



Do It Once.
Do It Right.

Confidential Information - not to be disclosed
outside Mewbourne Oil Company

**Final
Schematic**

Prepared for Mr. Mickey Young		Company Mewbourne Oil Company	Date 4-Jun-12		
Well Name Bradley 29 Fed Com 3H		Type of Installation 19-Stage 4-1/2" StackFRAC® HD	Location Eddy County, NM		
Depth	Drawing	Description	OD(in)	ID(in)	Length
Page 1 of 3					
KOP 7732'					
TOL 8267.29'					
7" Shoe 8525.00'	***Drillable FracPORT's to be shipped without handling pups*** SNU0010387				
Latched Seal Assembly 7" 23-32 ppf x 3.875" Lower Bore x 4.75" Upper Bore SF Liner Hanger Packer PN: 108425-000004 (Shear Pins: 2 @ 482 plus 1 @ 241 : 1,205 psi setting pressure) SF Bottom Guide			5.875"	4.750	2.51
7" 26# P-110 LT&C Casing			5.850"	3.850	4.14
4-1/2" 13.50# P-110 LTC LINER JOINTS: 9			4.500"	3.92"	343.18
Stage 19 8617.12' 322 bbl/s EA1031289 Packers Plus 4-1/2" Drillable FracPORT™ with 3.500" Seat for 3.625" High Pressure Ball PN: 121332-000023 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2			5.630"	3.500	2.65
6' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.840	
Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			4.500"	3.92"	76.57
3' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.92"	6.09
4-1/2" 13.50# P-110 LTC LINER JOINTS: 3			5.750"	3.875	5.25
Stage 18 8702.43' SNU0009729 Packers Plus 4-1/2" Drillable FracPORT™ with 3.375" Seat for 3.500" High Pressure Ball PN: 121332-000022 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3			4.500"	3.92"	3.1
6' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.92"	112.8
Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			5.630"	3.375	2.65
3' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.840	
4-1/2" 13.50# P-110 LTC LINER JOINTS: 3			4.500"	3.92"	113.16
Stage 17 8823.58' 325 bbl/s EA1030088 Packers Plus 4-1/2" Drillable FracPORT™ with 3.250" Seat for 3.375" High Pressure Ball PN: 121332-000021 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2			4.500"	3.92"	6.08
6' x 4-1/2" 13.50# P-110 LTC Pup Joint			5.750"	3.875	5.25
Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			4.500"	3.92"	3.1
3' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.92"	114.33
4-1/2" 13.50# P-110 LTC LINER JOINTS: 3			5.630"	3.250	2.65
Stage 16 9068.15' 329 bbl/s EA1033877 Packers Plus 4-1/2" Drillable FracPORT™ with 3.125" Seat for 3.250" High Pressure Ball PN: 121332-000020 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2			4.500"	3.840	
6' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.92"	75.84
Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			4.500"	3.92"	6.12
3' x 4-1/2" 13.50# P-110 LTC Pup Joint			5.750"	3.875	5.25
4-1/2" 13.50# P-110 LTC LINER JOINTS: 3			4.500"	3.92"	3.1
Stage 15 9152.76' SNU0010305 Packers Plus 4-1/2" Drillable FracPORT™ with 3.125" Seat for 3.250" High Pressure Ball PN: 121332-000020 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2			4.500"	3.92"	114.88
6' x 4-1/2" 13.50# P-110 LTC Pup Joint			5.630"	3.125	2.65
Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			4.500"	3.840	
3' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.92"	76.5
4-1/2" 13.50# P-110 LTC LINER JOINTS: 2			4.500"	3.92"	6.07
Stage 14 9275.99' 332 bbl/s EA1029904 Packers Plus 4-1/2" Drillable FracPORT™ with 3.125" Seat for 3.250" High Pressure Ball PN: 121332-000020 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2			5.750"	3.875	5.25
6' x 4-1/2" 13.50# P-110 LTC Pup Joint			4.500"	3.92"	3.09
Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			4.500"	3.92"	113.81
3' x 4-1/2" 13.50# P-110 LTC Pup Joint					
4-1/2" 13.50# P-110 LTC LINER JOINTS: 3					
Stage 13 9361.21' SNU0009417					
Service Center Midland, TX			Telephone Chad Williams 405-255-3223		
Telephone 432-563-8024			Contact Scott Mabry		



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**Final
Schematic**

Prepared for Mr. Mickey Young		Company Mewbourne Oil Company		Date 4-Jun-12	
Well Name Bradley 29 Fed Com 3H		Type of Installation 19-Stage 4-1/2" StackFRAC® HD		Location Eddy County, NM	
Depth	Drawing	Description	OD(in)	ID(in)	Length
Page 2 of 3					
Stage 15					
9483.36'		Packers Plus 4-1/2" Drillable FracPORT™ with 3.000" Seat for 3.125" High Pressure Ball	5.630"	3.000	2.65
335 bbls		PN: 121332-000019 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1030933		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	113.64
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.1
9605.75'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0009017		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.1
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	113.42
Stage 14					
9727.52'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.875" Seat for 3.000" High Pressure Ball	5.630"	2.875	2.65
339 bbls		PN: 121332-000018 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1019351		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.2
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.09
9812.46'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0009385		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.1
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.89
Stage 13					
9935.70'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.750" Seat for 2.875" High Pressure Ball	5.630"	2.750	2.65
342 bbls		PN: 121332-000017 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1032705		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	115.28
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.08
10059.71'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0010311		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.1
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.36
Stage 12					
10144.42'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.625" Seat for 2.750" High Pressure Ball	5.630"	2.625	2.65
345 bbls		PN: 121332-000016 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1031378		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	116.27
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.1
10269.44'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0009730		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.1
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	110.6
Stage 11					
10388.39'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.500" Seat for 2.625" High Pressure Ball	5.630"	2.500	2.65
349 bbls		PN: 121332-000015 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1032749		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	77.45
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.1
10474.59'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0009710		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.1
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.73
Stage 10					
10597.67'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.375" Seat for 2.500" High Pressure Ball	5.630"	2.375	2.65
352 bbls		PN: 121332-000014 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1032301		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	115.8
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.08
10722.20'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0009402		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.08
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.3
Stage 9					
10806.83'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.250" Seat for 2.375" High Pressure Ball	5.630"	2.250	2.65
355 bbls		PN: 121332-000013 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA1031150		4-1/2" 13.50# P-110 LTC LINER JOINTS: 4	4.500"	3.92"	151
		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.07
10966.55'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
SNU0009447		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)			
		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.09
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 4	4.500"	3.92"	151.84
Stage 8					
11126.73'		Packers Plus 4-1/2" Drillable FracPORT™ with 2.125" Seat for 2.250" High Pressure Ball	5.630"	2.125	2.65
360 bbls		PN: 121332-000012 (5 shear pins at 314 psi each: 1,570 psi opening pressure)		3.840	
EA3024265		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	113.44
Service Center Midland, TX			Telephone Chad Williams 405-255-3223		
Contact 432-563-8024 Scott Mabry					

Contains Confidential Information - This proposal and quote is governed by Packers Plus general terms and conditions



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Final
Schematic

Prepared for Mr. Mickey Young		Company Mewbourne Oil Company	Date 4-Jun-12			
Well Name Bradley 29 Fed Com 3H		Type of Installation 19-Stage 4-1/2" StackFRAC® HD	Location Eddy County, NM			
Depth	Drawing	Description	OD(in)	ID(in)	Length	
Page 3 of 3						
11248.89' SNU0009401		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 5.750"	3.92" 3.875"	6.07 5.25	
Stage 7 11333.96' 363 bbls EA1031037		Packers Plus 4-1/2" Drillable FracPORT™ with 2.000" Seat for 2.125" High Pressure Ball PN: 121332-000011 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500" 4.500" 5.630"	3.92" 3.92" 2.000"	3.07 76.75 2.65	
11458.53' SNU0009712		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 4.500" 4.500" 5.750"	3.92" 3.92" 3.875"	3.08 6.08 5.25	
Stage 6 11544.33' 366 bbls EA1033477		Packers Plus 4-1/2" Drillable FracPORT™ with 1.875" Seat for 2.000" High Pressure Ball PN: 121332-000010 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 4.500" 4.500"	3.92" 3.92" 1.875"	3.840 77.47 2.65	
11630.73' SNU0009412		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 4.500" 4.500" 5.750"	3.92" 3.92" 3.875"	3.09 76.92 2.65	
Stage 5 11715.99' 368 bbls EA1032867		Packers Plus 4-1/2" Drillable FracPORT™ with 1.750" Seat for 1.875" High Pressure Ball PN: 121332-000009 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500" 4.500" 4.500"	3.92" 3.92" 1.750"	3.840 116 2.65	
11840.71' SNU0009448		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500" 4.500" 4.500" 5.750"	3.92" 3.92" 3.875"	3.07 115.85 5.25	
Stage 4 11964.88' 372 bbls EA1032387		Packers Plus 4-1/2" Drillable FracPORT™ with 1.625" Seat for 1.750" High Pressure Ball PN: 121332-000008 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500" 4.500" 4.500"	3.92" 3.92" 1.625"	3.840 113.16 2.65	
12086.77' SNU0009384		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 4	4.500" 4.500" 4.500" 5.630"	3.92" 3.92" 3.875"	3.1 151.66 2.65	
Stage 3 12246.78' 376 bbls EA1032527		Packers Plus 4-1/2" Drillable FracPORT™ with 1.500" Seat for 1.625" High Pressure Ball PN: 121332-000007 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500" 4.500" 4.500"	3.92" 3.92" 1.500"	3.840 113.43 6.1	
12368.96' SNU0009714		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 4.500" 4.500" 5.630"	3.92" 3.92" 3.875"	3.1 75.99 2.65	
Stage 2 12453.30' 379 bbls EA1029988		Packers Plus 4-1/2" Drillable FracPORT™ with 1.375" Seat for 1.500" High Pressure Ball PN: 121332-000006 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 4.500" 4.500"	3.92" 3.92" 1.375"	3.840 75.78 6.09	
12537.82' SNU0009022		6' x 4-1/2" 13.50# P-110 LTC Pup Joint Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 3' x 4-1/2" 13.50# P-110 LTC Pup Joint 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500" 4.500" 4.500" 5.750"	3.92" 3.92" 3.875"	3.1 75.43 5.25	
Stage 1 12621.60' 382 bbls		Customer 4-1/2" Pump Off Sub (Pinned above 4000 PSI)				3.4
TMD 12690'						
Service Center Midland, TX		Telephone 432-563-8024	Contact Scott Mabry	Telephone Chad Williams 405-255-3223		