

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,
Other _____

2. Name of Operator

Mewbourne Oil Company

3. Address PO Box 5270
Hobbs, NM 882413a. Phone No. (include area code)
575-393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 545' FSL & 85' FWL

At top prod. interval reported below 572' FSL & 220' FWL

At total depth 571' FSL & 342' FEL

14. Date Spudded
03/03/1215. Date T.D. Reached
03/22/1216. Date Completed 04/19/12
☐ D & A ☒ Ready to Prod.

10. Field and Pool, or Exploratory

Empire Glorieta; Yeso 96210

11. Sec., T., R., M., on Block and
Survey or Area Sec 7, T17S, R29E12. County or Parish Eddy
13. State NM17. Elevations (DF, RKB, RT, GL)*
3699' GL18. Total Depth MD 8241'
TVD 4087'19. Plug Back T.D. MD 8200'
TVD 4086'20. Depth Bridge Plug Set: MD NA
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR, CN & CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	165'		710	177	Surface	NA
12 1/4"	9 5/8" J55	36#	0	1012'		500	119	Surface	NA
8 3/4"	7" J55	26#	0	4288'		700	209	Surface	NA
6 1/8"	4 1/2" J55	11.6#	4060'	8200'	Liner	NA	NA	NA	NA

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	3666'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Yeso	3900'	8241'	4325' - 8200' MD	Ports	18	Open
B)			4050' - 4086' TVD			
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4325' - 8200'	Frac w/1,198,764 gals gelled water & 48660# 20/40 sand.

RECLAMATION
DUE 10-19-12

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/19/12	04/24/12	24	→	60	125	1470	39.6	0.66	Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	SI 180	145	→	60	125	1470	2083	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

MAY 10 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Yates	867'
				Queen	1652'
				Penrose	1818'
				Grayburg	2069'
				San Andres	2434'
				Glorieta	3813'
				Yeso	3900'
				TD	8241'
				TD TVD	4087'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

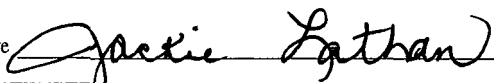
- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☒ Other: Comp sundry, Dev Rpt, C104, Gyro, Final C102, C144 Clez, pkr port

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jackie Lathan

Title Hobbs Regulatory

Signature



Date 04/30/12

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

Prepared for Mr. Mickey Young	Company Mewbourne Oil Company	Date 24-Mar-12
Well Name Empire -7MP- Federal #1H	Type of installation 18-Stage 4-1/2" StackFRAC® HD	Location Eddy County, NM

Depth	Drawing	Description	OD(in)	ID(in)	Length
REV_					
TD 8,241					
TVD 4,085					
KOP 3,594					
TOL 4,059					
155bbbls					
		Drillable FracPORT's to be shipped without handling pups			
		Latched Seal Assembly			
		7" 23-32 ppf x 3.875" Lower Bore x 4.75" Upper Bore SF Liner Hanger Packer	5.875"	4.750	3 30
		PN: 108425-000004 (Shear Pins: 2 @ 482 plus 1 @ 241 : 1,205 psi setting pressure)		3.875	2 51
		SF Bottom Guide	5.850"	3.850	0 92
					3 11
7" Shoe 4,288		7" 26# L-80 LT&C Casing			
Stage 18 4,324		4-1/2" 11.60# L-80 LTC LINER	4.500"	4.000	255 50
159bbbls		Packers Plus 4-1/2" Drillable FracPORT™ with 3.625" Seat for 3.750" High Pressure Ball	5.630"	3.625	2 65
		PN: 121332-000024 (5 shear pins at 314 psi each: 1,570 psi opening pressure)S# EA10122031		3.840	
		4-1/2" 11.60# L-80 LTC LINER	4 500"	4 000	85 19
		JOINTS: 2	4.500"	4 000	6 03
		6' x 4-1/2" 11 60# L-80 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) L-80 Mat'l	4 500"	4.000	3.10
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4 000	84 56
		S# SNU0008461	5 630"	3.500	2 65
		4-1/2" 11.60# L-80 LTC LINER			
		JOINTS: 2	4 500"	4.000	3.10
		Packers Plus 4-1/2" Drillable FracPORT™ with 3.500" Seat for 3.625" High Pressure Ball	4.500"	4 000	84 56
		PN: 121332-000023 (5 shear pins at 314 psi each: 1,570 psi opening pressure)S# EA3017278	5 630"	3.500	2 65
		4-1/2" 11.60# L-80 LTC LINER			
		JOINTS: 3	4 500"	4.000	127 77
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4 000	6 09
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint	4.500"	4.000	3 09
		S# SNU0008479	4.500"	4 000	85.18
		4-1/2" 11.60# L-80 LTC LINER	4.500"	4 000	85.18
		JOINTS: 2	5 630"	3.375	2 65
		Packers Plus 4-1/2" Drillable FracPORT™ with 3.375" Seat for 3.500" High Pressure Ball			
		PN: 108481-000020 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0043439	4.500"	4 000	85.09
		4-1/2" 11.60# L-80 LTC LINER	4.500"	4.000	6 01
		JOINTS: 2	5.750"	3.875	5 25
		6' x 4-1/2" 11 60# L-80 LTC Pup Joint			
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	4.500"	4 000	3.03
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l	4.500"	4.000	85 25
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	5.630"	3.250	2.65
		S# SNU0008460			
		4-1/2" 11.60# L-80 LTC LINER			
		JOINTS: 2	4.500"	4.000	85 26
		Packers Plus 4-1/2" Drillable FracPORT™ with 3.250" Seat for 3.375" High Pressure Ball	4.500"	4.000	6 02
		PN: 108481-000019 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0043433	5 750"	3.875	5 25
		4-1/2" 11.60# L-80 LTC LINER			
		JOINTS: 2	4.500"	4.000	85 26
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4.000	6 02
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	3.02
		S# SNU0008708	4.500"	4 000	85.20
		4-1/2" 11.60# L-80 LTC LINER	4.500"	4 000	85.20
		JOINTS: 2	5.630"	3.125	2 65
		Packers Plus 4-1/2" Drillable FracPORT™ with 3.125" Seat for 3.250" High Pressure Ball			
		PN: 108481-000018 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0040533			
		4-1/2" 11.60# L-80 LTC LINER	4 500"	4.000	127.78
		JOINTS: 3	4.500"	4 000	6.01
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4 000	6.01
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4 000	3.01
		S# SNU0008641	4.500"	4.000	127 80
		4-1/2" 11.60# L-80 LTC LINER			
		JOINTS: 3			

Page 1 of 3

Service Center Telephone Contact
Midland, TX 432-563-8024 Scott Mabry

Telephone
Chad Williams 405-255-3223



Do It Once.
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Confidential Information - not to be disclosed
outside Mewbourne Oil Company

**Final
Drawing**

Prepared for Mr. Mickey Young	Company Mewbourne Oil Company	Date 24-Mar-12
Well Name Empire -7MP- Federal #1H	Type of Installation 18-Stage 4-1/2" StackFRAC® HD	Location Eddy County, NM

Depth	Drawing	Description	OD(in)	ID(in)	Length
REV_					
Stage 13			Page 2 of 3		
5,388		Packers Plus 4-1/2" Drillable FracPORT™ with 3.000" Seat for 3.125" High Pressure Ball	5 630"	3.000	2 65
175bbbls		PN: 108481-000017 (5 shear pins at 315 psi each; 1,575 psi opening pressure)S# EM0043426		3.720	
		4-1/2" 11.60# L-80 LTC LINER	4 500"	4 000	125.46
		JOINTS: 3	4 500"	4 000	6 03
		6' x 4-1/2" 11 60# L-80 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) L-80 Mat'l	4 500"	4 000	3 04
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	85 20
		4-1/2" 11.60# L-80 LTC LINER	5 630"	2.875	2 65
		JOINTS: 2	4 500"	4 000	85.20
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	6 01
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure) L-80 Mat'l	4.500"	4 000	3 01
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4 000	85.00
		4-1/2" 11.60# L-80 LTC LINER	5 630"	2.750	2 65
		JOINTS: 2	4 500"	4 000	85.19
		6' x 4-1/2" 11 60# L-80 LTC Pup Joint	4 500"	4.000	6 06
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure) L-80 Mat'l	4 500"	4 000	3 05
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint	4 500"	4 000	127 79
		4-1/2" 11.60# L-80 LTC LINER	5 630"	2.625	2 65
		JOINTS: 3		3.720	
		Packers Plus 4-1/2" Drillable FracPORT™ with 2.625" Seat for 2.750" High Pressure Ball	4.500"	4.000	84 35
		PN: 108481-000014 (5 shear pins at 315 psi each; 1,575 psi opening pressure)S# EM0043410	4 500"	4 000	6 03
		4-1/2" 11.60# L-80 LTC LINER	5 750"	3.875	5.25
		JOINTS: 2	4 500"	4 000	3 03
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4.000	127 13
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 630"	2.500	2 65
		PN: 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure) L-80 Mat'l		3.720	
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	85 24
		4-1/2" 11.60# L-80 LTC LINER	4.500"	4.000	6 00
		JOINTS: 2	5 750"	3.875	5.25
		6' x 4-1/2" 11 60# L-80 LTC Pup Joint	4 500"	4.000	3 06
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	4.500"	4.000	127.74
		PN: 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure) L-80 Mat'l	5.630"	2.375	2 65
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint		3.720	
		4-1/2" 11.60# L-80 LTC LINER	4.500"	4.000	85 19
		JOINTS: 3	4 500"	4 000	5 97
		Packers Plus 4-1/2" Drillable FracPORT™ with 2.375" Seat for 2.500" High Pressure Ball	5.750"	3.875	5.25
		PN: 108481-000012 (5 shear pins at 315 psi each; 1,575 psi opening pressure)S# EM0043403			
		4-1/2" 11.60# L-80 LTC LINER	4 500"	4.000	85 19
		JOINTS: 2	4 500"	4 000	5 97
		6' x 4-1/2" 11.60# L-80 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) L-80 Mat'l	4 500"	4.000	3 08
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	85 19
		4-1/2" 11.60# L-80 LTC LINER	5 630"	2.250	2 65
		JOINTS: 2		3.720	
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	85 20
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	4.500"	4.000	6 05
		PN: 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure) L-80 Mat'l	5.750"	3.875	5.25
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint			
		4-1/2" 11.60# L-80 LTC LINER	4 500"	4 000	3 08
		JOINTS: 2	4 500"	4.000	84.99
		Packers Plus 4-1/2" Drillable FracPORT™ with 2.125" Seat for 2.250" High Pressure Ball	5.630"	2.125	2 65
		PN: 108481-000010 (5 shear pins at 315 psi each; 1,575 psi opening pressure)S# EM0046413		3.720	
		4-1/2" 11.60# L-80 LTC LINER	4 500"	4.000	127.05
		JOINTS: 3			

Service Center Midland, TX	Telephone 432-563-8024	Contact Scott Mabry	Telephone Chad Williams 405-255-3223
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Do It Once.
Do It Right

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outside Mewbourne Oil Company

Final
Drawing

Prepared for Mr. Mickey Young	Company Mewbourne Oil Company	Date 24-Mar-12
Well Name Empire -7MP- Federal #1H	Type of Installation 18-Stage 4-1/2" StackFRAC® HD	Location Eddy County, NM

Depth	Drawing	Description	OD(in)	ID(in)	Length
Page 3 of 3					
REV_					
RSII 7,002		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4 000	5 98
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint S# SNU0008481	4 500"	4 000	3 03
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 2	4 500"	4 000	84 39
Stage 5 7,094 202bbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2.000" Seat for 2.125" High Pressure Ball	5 630"	2.000	2.65
		PN: 108481-000009 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0046407		3.720	
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 2	4.500"	4 000	85 05
		6' x 4-1/2" 11 60# L-80 LTC Pup Joint	4 500"	4 000	6.00
RSII 7,188		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint S# SNU0008464	4 500"	4 000	3 10
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 2	4 500"	4 000	85 18
Stage 4 7,281 205bbls		Packers Plus 4-1/2" Drillable FracPORT™ with 1.875" Seat for 2.000" High Pressure Ball	5 630"	1.875	2 65
		PN: 108481-000008 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0045158		3.720	
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 2	4 500"	4 000	85 24
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4.000	6 01
RSII 7,375		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint S# SNU0008442	4 500"	4 000	3 08
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 1	4 500"	4 000	42 37
Stage 3 7,426 207bbls		Packers Plus 4-1/2" Drillable FracPORT™ with 1.750" Seat for 1.875" High Pressure Ball	5 630"	1.750	2 65
		PN: 108481-000007 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0038100		3.720	
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 1	4 500"	4 000	42 61
		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4 500"	4.000	6 05
RSII 7,477		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint S# SNU0008457	4 500"	4.000	3 05
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 12	4.500"	4 000	508.93
Stage 2 8,001 217bbls		6' x 4-1/2" 11.60# L-80 LTC Pup Joint	4.500"	4 000	6.05
RSII 8,001		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5.750"	3.875	5.25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11.60# L-80 LTC Pup Joint S# SNU0008482	4.500"	4 000	3 05
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 1	4 500"	4.000	42 60
		Packers Plus 4-1/2" Drillable FracPORT™ with 1.625" Seat for 1.750" High Pressure Ball	5 630"	1.625	2.65
		PN: 108481-000006 (5 shear pins at 315 psi each: 1,575 psi opening pressure)S# EM0034469		3.720	
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 1	4 500"	4.000	42 64
		6' x 4-1/2" 11 60# L-80 LTC Pup Joint	4 500"	4.000	6 01
RSII 8,103		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5.25
		PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) L-80 Mat'l			
		3' x 4-1/2" 11 60# L-80 LTC Pup Joint S# SNU0008439	4.500"	4 000	3.06
		4-1/2" 11.60# L-80 LTC LINER JOINTS: 2	4 500"	4 000	85.21
Stage 1 8,200 219bbls		6' x 4-1/2" 11.60# L-80 LTC Pup Joint			
		Customer 4-1/2" Pump Off Sub			
		(Pinned above 4000 PSI)			3.10

Service Center Telephone Contact
Midland, TX 432-563-8024 Scott Mabry

Telephone
Chad Williams 405-255-3223