

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
NM 654410

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator RMR Operating, LLC		8. Well Name and No. Madera 24 Federal #3H
3a. Address 2515 McKinney Avenue Suite 900 Dallas, Texas 75201	3b. Phone No. (include area code) 214-871-0400	9. API Well No. 30-025- 40032
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330 FNL' & 1980 FEL', S.Ec.24, T-26S, R-34E		10. Field and Pool or Exploratory Area TAPALINA; DELAWARE, SOUTH V
		11. County or Parish, State Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DRILLING OPERATIONS</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Drilled 6-1/8" Curve, Kickoff @ 8703' MD. Lateral @ 9366' MD (TVD 9117'). Drilled 6-1/8" Lateral to TD 13570' MD (TVD 9062'). Reamed lateral and ran 4-1/2" 11.6# BTC P110 Peak Open Hole 20 Stage Completion System- ATTACHED.

Set Liner Hanger at 8450'. Tested Hanger to 5000 PSI, OK.

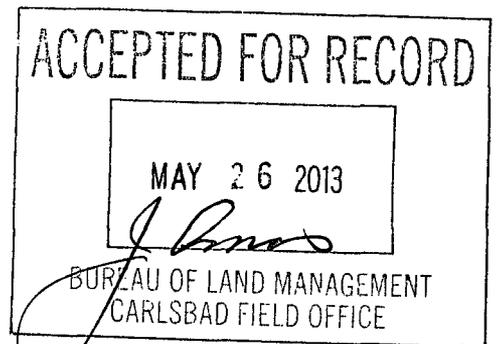
Frac treated 20 stages with 29,530 bbl 2% KCl and 1,941,051# 20/40 CRC Sand.

Survey Attached

HOBBS OCD

MAY 30 2013

RECEIVED



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Mary K. Valencia

Title Office Manager- Midland Field Office

Signature *Mary K. Valencia* Date 05/13/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title Petroleum Engineer Date JUL 17 2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

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.

JUL 17 2013



Confidential Information - not to be disclosed outside Red Mountain Resources

# Completion Schematic

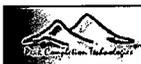
Prepared By		Company	Date		
Todd Durrett / Sam Edwards		Red Mountain Resources	21-Mar-13		
Well Name		Location	Type of Well		
Madera 24 Fed #3H		Jal, New Mexico	20 Stage		
Depth (MORTVD)	Schematic	Description	ID (in) (m)	OD (in) (m)	Length (ft)
PAGE 1 OF 3					
KOP 8,651.00		7" 26# P110 Casing set @ 8549.52'			
TVD 9120.22		Top of Liner : 8450.06' Displacement of 7" : 350.88 Bbbls			
End of Curve 9398'					
Setting Tool @ 8444.93		7 x 4 1/2 BTC Guardian Liner Hanger w/ 4.75" PBR w/ 4 pins @ 473psi Setting @ 1892psi PN# 45808 SN# 0313430	3.960	6.000	9.04
Hanger Set @ 8450.06		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	3.16
		16 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	726.37
Predator Pkr #21 Set @ 9194.72'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.10
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 013152	3.960	6.625	4.04
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.13
		1 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	45.41
Predator Pkr #20 Set @ 9253.40'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.10
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 0313608	3.960	6.625	4.04
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.13
Stage #20 Set @ 9351.36' Seal Size: 3.656" Ball Size: 3.76" 364.94 Bbbls		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.79
		Stage #20 Starta Port 3.056" ID Seal Opening w/ 3.75 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212136	3.656	5.625	3.53
		1 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	45.40
Predator Pkr #19 Set @ 9406.41'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.09
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 0133812	3.960	6.625	4.04
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.12
		1 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	45.40
Stage #19 Set @ 9469.97' Seal Size: 3.531" Ball Size: 3.625" 366.62 Bbbls		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.79
		Stage #19 Starta Port 3.531" ID Seal Opening w/ 3.625 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212136	3.531	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	136.19
Predator Pkr #18 Set @ 9604.80'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.08
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 0133812	3.960	6.625	4.03
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.12
		1 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	45.42
Stage #18 Set @ 9657.37' Seal Size: 3.406" Ball Size: 3.3.6" 369.70 Bbbls		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.72
		Stage #18 Starta Port 3.406" ID Seal Opening w/ 3.5 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212137	3.406	5.625	3.53
		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.72
Predator Pkr #17 Set @ 9757.71'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.08
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 0133609	3.960	6.625	4.03
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.11
		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.79
Stage #17 Set @ 9855.64' Seal Size: 3.281" Ball Size: 3.376" 372.78 Bbbls		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.79
		Stage #17 Starta Port 3.281" ID Seal Opening w/ 3.375 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212138	3.281	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	136.20
Predator Pkr #16 Set @ 10001.52'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.10
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 0131609	3.960	6.625	4.03
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.12
		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.69
Stage #16 Set @ 10099.36' Seal Size: 3.166" Ball Size: 3.28" 376.67 Bbbls		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.72
		Stage #16 Starta Port 3.166" ID Seal Opening w/ 3.25 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212139	3.166	5.625	3.53
		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.72
Predator Pkr #15 Set @ 10199.72'		4 1/2" 11.0# BTC P110 Pup Jt	3.960	4.500	6.09
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN# 0131609	3.960	6.625	4.03
		4 1/2" 11.0# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.08
		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.61
Stage #15 Set @ 10297.44' Seal Size: 3.031" Ball Size: 3.125" 379.65 Bbbls		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.63
		Stage #15 Starta Port 3.031" ID Seal Opening w/ 3.125 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212140	3.031	5.625	3.53
		2 joints of 4 1/2 BTC 11.60# P110 Casing	3.960	4.500	90.63
Drawn By Midland	Checked 432-631-8206	Drawn By Keith Martin	Checked Bryan Fitzhugh		



Confidential Information - not to be disclosed outside Red Mountain Resources

Completion Schematic

Prepared by: Todd Durrett / Sam Edwards		Company: Red Mountain Resources	Date: 21-Mar-13		
Well Name: Madera 24 Fed #3H		Location: Jal, New Mexico	Well #/Section: 20 Stage		
Depth (MD/TVD)	Schematic	Description	ID(in) (in)	OD(in) (in)	Length (ft)
PAGE 2 OF 3					
Predator Pkr #14 Set @ 10397.67'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0113167 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.600 5.625	8.04 4.02
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.80
Stage #14 Set @ 10485.61' Seat Size: 2.906" Ball Size: 3.0" 392.73 Bbls		Stage #14 Starta Port 2.906" ID Seat Opening w/ 3.0 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212141	2.908	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	136.25
Predator Pkr #13 Set @ 10641.52'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0113166 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.500 5.625	6.00 4.04
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.83
Stage #13 Set @ 10739.51' Seat Size: 2.781" Ball Size: 2.875" 398.52 Bbls		Stage #13 Starta Port 2.781" ID Seat Opening w/ 2.875 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212151	2.781	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	136.19
Predator Pkr #12 Set @ 10885.32'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0113170 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.500 5.625	6.06 4.03
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.85
Stage #12 Set @ 10983.3' Seat Size: 2.656" Ball Size: 2.75" 390.31 Bbls		Stage #12 Starta Port 2.656" ID Seat Opening w/ 2.75 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212141	2.656	5.625	3.53
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.79
Predator Pkr #11 Set @ 11093.72'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0113164 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.600 5.625	6.07 4.06
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.79
Stage #11 Set @ 11181.68' Seat Size: 2.531" Ball Size: 2.625" 395.67 Bbls		Stage #11 Starta Port 2.531" ID Seat Opening w/ 2.625 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212142	2.531	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	136.21
Predator Pkr #10 Set @ 11327.54'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0113165 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.500 5.625	6.09 4.00
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.81
Stage #10 Set @ 11425.46' Seat Size: 2.406" Ball Size: 2.6" 397.18 Bbls		Stage #10 Starta Port 2.406" ID Seat Opening w/ 2.6 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212143	2.406	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	136.21
Predator Pkr #9 Set @ 11571.31'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0113168 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.500 5.625	6.08 4.03
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.84
Stage #9 Set @ 11669.32' Seat Size: 2.281" Ball Size: 2.375" 400.96 Bbls		Stage #9 Starta Port 2.281" ID Seat Opening w/ 2.375 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212160	2.281	5.625	3.53
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	86.98
Predator Pkr #8 Set @ 11765.47'		4 1/2" 11.6# BTC P110 Pup Jt 7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PNM 3267 SN#0213383 4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960 3.960	4.500 5.625	6.10 4.06
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.81
Stage #8 Set @ 11860.79' Seat Size: 2.156" Ball Size: 2.25" 403.85 Bbls		Stage #8 Starta Port 2.156" ID Seat Opening w/ 2.25 Ball w/ 6 pins @ 306psi = 1836 psi PNM 3628 SN#1212144	2.156	5.625	3.53
		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.500	90.68
Midland, Tx	432-631-9206	Keth Martin	Bryan Fitzhugh		



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outside Red Mountain Resources

Completion Schematic

Prepared by		Company	Date			
Todd Durrett / Sam Edwards		Red Mountain Resources	21-Mar-13			
Well Name		Location	Type of Production			
Madera 24 Fed #3H		Jal, New Mexico	20 Stage			
Depth (MD/TVD)	Schematic	Description	ID(in) (e)	OD(in) (e)	Length (ft)	
PAGE 3 OF 3						
Predator Pkr #7 Set @ 11981.15'		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.12	
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0213384	3.960	5.625	4.06	
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.16	
		1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	86.84	
Stage #7 Set @ 12055.19' Seat Size: 2.031" Ball Size: 2.125" 406.97 Bbls			Stage #7 Starta Port 2.031" ID Seat Opening w/ 2.125 Ball w/ 6 pins @ 306psi = 1836 psi P/N# 3628 SN#1212145	2.031	5.625	3.53
		1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	136.21	
		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.10	
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0213305	3.960	5.625	4.03	
Predator Pkr #6 Set @ 12201.06'			4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.11
		1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	90.80	
Stage #6 Set @ 12289.0' Seat Size: 1.906" Ball Size: 2.0" 410.76 Bbls			Stage #6 Starta Port 1.906" ID Seat Opening w/ 2.0 Ball w/ 6 pins @ 306psi = 1836 psi P/N# 3628 SN#1212146	1.906	5.625	3.53
		1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	133.42	
		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.13	
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0213310	3.960	5.625	4.05	
Predator Pkr #5 Set @ 12442.11'			4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.12
		1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	130.79	
Stage #5 Set @ 12680.07' Seat Size: 1.781" Ball Size: 1.875" 416.13 Bbls			Stage #5 Starta Port 1.781" ID Seat Opening w/ 1.875 Ball w/ 6 pins @ 306psi = 1836 psi P/N# 3628 SN#1212147	1.781	5.625	3.53
		1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	90.83	
		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.08	
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0213304	3.960	5.625	4.03	
Predator Pkr #4 Set @ 12680.54'		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.11	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	80.73		
Stage #4 Set @ 12778.41' Seat Size: 1.656" Ball Size: 1.75" 418.21 Bbls		Stage #4 Starta Port 1.656" ID Seat Opening w/ 1.75 Ball w/ 6 pins @ 306psi = 1836 psi P/N# 3628 SN#1212148	1.656	5.625	3.53	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	132.38		
	4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.08		
	7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0213162	3.960	5.625	4.02		
Predator Pkr #3 Set @ 12920.43'		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.10	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	90.25		
Stage #3 Set @ 13017.81' Seat Size: 1.531" Ball Size: 1.625" 421.83 Bbls		Stage #3 Starta Port 1.531" ID Seat Opening w/ 1.625 Ball w/ 6 pins @ 306psi = 1836 psi P/N# 3628 SN#1212149	1.531	5.625	3.53	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	136.13		
	4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.00		
	7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0113316	3.960	5.625	3.90		
Predator Pkr #2 Set @ 13163.50'		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.10	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	45.40		
Stage #2 Set @ 13216.0' Seat Size: 1.406" Ball Size: 1.5" 426.01 Bbls		Stage #2 Starta Port 1.406" ID Seat Opening w/ 1.5 Ball w/ 6 pins @ 306psi = 1836 psi P/N# 3628 SN#	1.406	5.625	3.53	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	136.63		
	4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.09		
	7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi P/N# 3267 SN#0113163	3.960	5.625	3.12		
Predator Pkr #1 Set @ 13362.28'		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.12	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	45.40		
Openhole Anchor Set @ 13420.91'		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.09	
	7 x 4 1/2 Hydra-Pak SS Open Hole Anchor w/ 4 pins @ 473 psi Setting @ 1892psi P/N# 3261 SN# 0313470	3.960	5.676	2.86		
	4 1/2" 11.6# BTC P110 Pup Jt with Centralizer	3.960	4.500	3.14		
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	45.41		
Stage #1 Set @ 13472.31' 429.95 Bbls		Hydraulic Grate Port w/ 7 pins @ 593psi = 4161 psi P/N# 2533 SN# 0313469	3.960	5.625	2.44	
	1 Joint of 4 1/2 BTC 11.60# Casing	3.960	4.500	45.40		
Down-Jet Set @ 13921.21' 429.75 Bbls		3 1/2 EUE to 4 1/2 BTC 11.60# P110 Crossover Pup Joint Pump Closed Circulating Sleeve, Close with 1.125" ball w/ 6 pins @ 333 psi = 1998 psi P/N# 2746 SN#0313467	2.998	5.000	1.06	
			0.700	3.750	3.04	
Service Center Midland, Tx	Telephone 432-631-8206	Service Center Keith Martin	Service Center Bryan Fitzhugh			