

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 654416

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
RMR Operating, LLC3a. Address
2515 McKinney Avenue Suite 900
Dallas, Texas 752013b. Phone No. (include area code)
214-871-04004. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330 FNL' & 1980 FEL', SEc.24, T-26S, R-34E

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Madera 24 Federal #3H9. API Well No.
30-025- 40032

10. Field and Pool or Exploratory Area

JABALINA, 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 recompleat 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 recompleat 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

Date 05/13/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	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.		Title	
		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.

(Instructions on page 2)

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) (m)
PAGE 1 OF 3					
KOP 8,651.00					
TVD 9120.22					
End of Curve 9398'					
Setting Tool @ 8444.93					
Hanger Set @ 8450.06					
Predator Pkr #21 Set @ 9194.72'					
Predator Pkr #20 Set @ 9253.40'					
Stage #20 Set @ 9351.38' Seat Size: 3.656" Ball Size: 3.75" 364.94 Bbls					
Predator Pkr #19 Set @ 9406.41'					
Stage #19 Set @ 9458.97' Seat Size: 3.531" Ball Size: 3.625" 366.62 Bbls					
Predator Pkr #18 Set @ 9604.80'					
Stage #18 Set @ 9657.37' Seat Size: 3.406" Ball Size: 3.3.6" 369.70 Bbls					
Predator Pkr #17 Set @ 9757.73'					
Stage #17 Set @ 9855.64' Seat Size: 3.281" Ball Size: 3.376" 372.78 Bbls					
Predator Pkr #16 Set @ 10001.52'					
Stage #16 Set @ 10099.36' Seat Size: 3.156" Ball Size: 3.28" 376.67 Bbls					
Predator Pkr #15 Set @ 10199.72'					
Stage #15 Set @ 10297.44' Seat Size: 3.031" Ball Size: 3.125" 379.65 Bbls					
7" 26# P110 Casing set @ 8549.52'					
Top of Liner: 8450.06' Displacement of 7" : 350.88 Bbls					
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
4 1/2" 11.0# BTC P110 Pup Jt			3.960	4.500	3.15
16 joints of 4 1/2 BTC 11.60# P110 Casing			3.960	4.500	726.37
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# 0113152			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
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# 0113608			3.960	6.625	4.04
4 1/2" 11.0# BTC P110 Pup Jt with Centralizer			3.960	4.500	3.13
2 joints of 4 1/2 BTC 11.60# P110 Casing			3.960	4.500	90.79
Stage #20 Start Port 3.056" ID Seat 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
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# 0113612			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 Start Port 3.531" ID Seat 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	138.19
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# 0113612			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 Start Port 3.406" ID Seat 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
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# 0113609			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 Start Port 3.281" ID Seat 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
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# 0113169			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 Start Port 3.156" ID Seat Opening w/ 3.25 Ball w/ 6 pins @ 306psi - 1836 psi PN# 3628 SN# 1212139			3.156	5.625	3.53
2 joints of 4 1/2 BTC 11.60# P110 Casing			3.960	4.500	90.72
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# 0113169			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 Start Port 3.031" ID Seat 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
Survey Center Midland	432-631-9206	Contract Keith Martin	Survey Center Bryan Fitzhugh		



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Completion Schematic

Prepared for		Company	Date		
Todd Durrett / Sam Edwards		Red Mountain Resources	21-Mar-13		
Well Name		Location	Type of Completion		
Madera 24 Fed #3H		Jal, New Mexico	20 Stage		
Depth (WDM/D)	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	3.960	4.600	6.04
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN#0113167	3.960	5.625	4.02
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.600	3.12
Stage #14 Set @ 10485.61' Seat Size: 2.906" Ball Size: 3.0" 392.73 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.80
		Stage #14 Starta Port 2.906" ID Seat Opening w/ 3.0 Ball w/ 6 pins @ 306psi = 1836 psi PN# 3628 SN#1212141	2.906	5.625	3.53
		3 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	136.25
Predator Pkr #13 Set @ 10641.62'		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 PN# 3267 SN#0113166	3.960	5.625	4.04
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.500	3.12
Stage #13 Set @ 10739.61' Seat Size: 2.781" Ball Size: 2.875" 308.52 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.83
		Stage #13 Starta Port 2.781" ID Seat Opening w/ 2.875 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 @ 10886.32'		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.500	6.06
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN#0113170	3.960	5.625	4.03
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.600	3.10
Stage #12 Set @ 10983.3' Seat Size: 2.656" Ball Size: 2.75" 390.31 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.85
		Stage #12 Starta Port 2.656" ID Seat Opening w/ 2.75 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 @ 11083.72'		4 1/2" 11.6# BTC P110 Pup Jt	3.960	4.600	6.07
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN#0113164	3.960	5.625	4.06
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.600	3.11
Stage #11 Set @ 11181.68' Seat Size: 2.531" Ball Size: 2.625" 393.67 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.79
		Stage #11 Starta Port 2.531" ID Seat Opening w/ 2.625 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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	3.960	4.500	6.09
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN#0113165	3.960	5.625	4.00
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.600	3.11
Stage #10 Set @ 11425.46' Seat Size: 2.406" Ball Size: 2.6" 397.18 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.81
		Stage #10 Starta Port 2.406" ID Seat Opening w/ 2.6 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 @ 11671.31'		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 PN# 3267 SN#0113606	3.960	5.625	4.03
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.600	3.14
Stage #9 Set @ 11668.02' Seat Size: 2.281" Ball Size: 2.375" 400.96 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	90.34
		Stage #9 Starta Port 2.281" ID Seat Opening w/ 2.375 Ball w/ 6 pins @ 306psi = 1836 psi PN# 3628 SN#1212150	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	3.960	4.500	6.10
		7 x 4 1/2 Predator Open Hole Packer w/ 4 pins @ 473psi Setting @ 1892psi PN# 3267 SN#0213383	3.960	5.625	4.06
		4 1/2" 11.6# BTC L-80 Pup Jt with Centralizer	3.960	4.600	3.16
Stage #8 Set @ 11860.79' Seat Size: 2.156" Ball Size: 2.25" 403.85 Bbls		2 joints of 4 1/2 BTC 11.60# Casing	3.960	4.600	88.10
		Stage #8 Starta Port 2.156" ID Seat Opening w/ 2.25 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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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Completion Schematic

Prepared for		Company	Date		
Todd Durrett / Sam Edwards		Red Mountain Resources	21-Mar-13		
Well Name	Location	Type of Production	20 Stage		
Madera 24 Fed #3H	Jal, New Mexico				
Depth (MD/VG)	Schematic	Description	ID(n) (in)	OD(n) (in)	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 PN# 3287 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 PN# 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 PN# 3287 SN#0213305	3.960	5.625	4.03
		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 @ 12299.0' 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 PN# 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 PN# 3287 SN#0213310	3.960	5.625	4.05
		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 @ 12580.07' Seat Size: 1.781" Ball Size: 1.875" 415.13 Bbls		Stage #5 Starta Port 1.781" ID Seat Opening w/ 1.875 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 PN# 3287 SN#0213304	3.960	5.625	4.03
		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	90.73
Stage #4 Set @ 12778.41' Seat Size: 1.656" Ball Size: 1.75" 415.21 Bbls		Stage #4 Starta Port 1.656" ID Seat Opening w/ 1.75 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 PN# 3287 SN#0213162	3.960	5.625	4.02
		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" 421.93 Bbls		Stage #3 Starta Port 1.531" ID Seat Opening w/ 1.625 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 PN# 3287 SN#0113316	3.960	5.625	3.90
		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" 425.01 Bbls		Stage #2 Starta Port 1.406" ID Seat Opening w/ 1.5 Ball w/ 6 pins @ 306psi = 1836 psi PN# 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 PN# 3287 SN#0113163	3.960	5.625	4.02
		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
		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 PN# 3281 SN# 0313470	3.960	5.878	2.85
		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
Openhole Anchor Set @ 13420.91'					
Stage #1 Set @ 13472.31' 425.95 Bbls		Hydraulic Strata Port w/ 7 pins @ 583psi = 4161 psi PN# 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 @ 13521.21' 429.75 Bbls		3 1/2 ELUE 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 PN# 2746 SN#0313467	2.998 0.700	5.000 3.750	1.06 3.04
Service Center Midland, Tx	Telephone 432-631-8206	Center Keith Martin	East Center Bryan Fitzhugh		