District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

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

HOBBS OCD
SEP 14 2015

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Chevron U.S.A. Inc 15 Smith Road Midland, TX 79705	241333
	[3] Reason for Filing Code/ Effective Date New Well/ 8/11/15

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025-41199	Red Hills; Bone Spring, North	96434
[7] Property Code	**[8] Property Name**	**[9] Well Number**
313056	Madera 17 Federal	1H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	17	24S	34E		330	North	380	East	Lea

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	24S	34E		485	South	333	East	Lea

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[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
	Knowles Trucking	O
[redacted]		[redacted]
	Targa	G
[redacted]		[redacted]
[redacted]		[redacted]
[redacted]		[redacted]

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
5/31/15	7/14/15	~~15,226~~ 15430	15,291	11,464-15,226	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2	13 3/8	1293'	1394
12 1/4	9 5/8	5207'	1685
8 3/4	5 1/2	15,417'	2230

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
8/11/15	8/11/15	8/21/15	24 hrs		
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
	619	987	660		

[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: Britany Cortez

Printed name: Britany Cortez

Title: Regulatory Specialist

E-mail Address: bcortez@chevron.com

Date: 9/09/15 Phone: 432-687-7415

OIL CONSERVATION DIVISION

Approved by: [signature]

Title: Petroleum Engineer

Approval Date: 09/30/15

Recomp____ New Well____ Add New Well____
Cancl Well____ Create Pool____
E-PERMITTING - - New Well____
Comp PM P&A____ TA____
CSNG HVL Loc Chng____
Recomp Add New Well

OCT 08 2015

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM113418

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
MADERA 17 FEDERAL 1H

2. Name of Operator
CHEVRON U.S.A. INC.

Contact: DENISE PINKERTON
E-Mail: leakejd@chevron.com

HOBBS OCD

9. API Well No.
30-025-41199

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-687-7375

SEP 14 2015

10. Field and Pool, or Exploratory
RED HILLS; BN SPR, N

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T24S R34E Mer NMP 330FNL 380FEL

RECEIVED

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Well Spud
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

05/31/2015: SPUD WELL (CONTACTED TRISH BADBEAR W/BLM @ 1:45 PM 05/29/2015 OF INTENT TO SPUD)

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #307599 verified by the BLM Well Information System
For CHEVRON U.S.A. INC., sent to the Hobbs

Name *(Printed/Typed)* DENISE PINKERTON — Title REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 06/30/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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

Accepted for Record Only
Accepted for Record Only

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

SEP 14 2015

RECEIVED

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM113418

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
MADERA 17 FEDERAL 1H

2. Name of Operator
CHEVRON U.S.A. INC.
Contact: DENISE PINKERTON
E-Mail: leakejd@chevron.com

9. API Well No.
30-025-41199

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-687-7375

10. Field and Pool, or Exploratory
RED HILLS; BN SPR, N.

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T24S R34E Mer NMP 330FNL 380FEL

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

05/31/15: THROUGH 06/01/15: DRILL 144-1310.
06/01/15: RAN 13 3/8", 48#, H-40 SURFACE CSG SET @ 1293.
06/02/15: CMT W/20 BBL SPACER, 949 SX CL C, LEAD, & 445 SX CL C TAIL. 188 BBLS CMT TO SURF.
06/03/15 THROUGH 06/06/15: TAG CMT @ 1210. DRILL 1210-5222.
06/06/15: RUN 9 5/8", 40#, HCK-55, ST&C INTERMEDIATE CSG SET @ 5207'.
06/07/15: PRESS TO 4000 PSI. PMP 20 BBLS SPACER. CMT W/1375 SX LEAD ECONOCEM HLC @ 12.9 PPG, TAIL: 310 SX HALCEM C @ 14.8 PPG. DISPL W/391 BBLS 8.4 PPG FW. BUMP PLUG W/500 PSI. FULL RETURNS. FINAL PRESS-1577 PSI @ 3 BPM. 123 BBLS CMT TO SURF. WOC.
06/07/15 THROUGH 06/19/2015: DRILL 5232-15,430. (TD - 15,430)
06/21/15: RAN 5 1/2",20#,P-110 PRODUCTION CSG SET @ 15,417.
06/22/15: PRESS TO 6500 PSI. CMT W/20 BBLS SPACER, LEAD: 870 SX VERICEM @ 11.3 PPG, 2ND LEAD: 1235 SX VERICEM @ 13.2 PPG, TAIL: 135 SX SOLUCEM H @ 15 PPG. PUMP DISPLACEMENT CMT W/344 BBLS @ 8.4 PPG.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #307595 verified by the BLM Well Information System
For CHEVRON U.S.A. INC., sent to the Hobbs

Name *(Printed/Typed)* DENISE PINKERTON — Title REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 06/30/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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.

Accepted for Record Only

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #307595 that would not fit on the form

32. Additional remarks, continued

BUMP PLUG-600 PSI.TOC @ 4917. FINAL PUMP PRESS-1975 PSI @ 4 BPM.
06/23/15: RELEASE RIG.

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

HOBBS OCD

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SEP 14 2015

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

5. Lease Serial No.
NMNM113418

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
MADERA 17 FEDERAL 1H

2. Name of Operator
CHEVRON MIDCONTINENT LP
Contact: DENISE PINKERTON
E-Mail: leakejd@chevron.com

9. API Well No.
30-025-41199

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-687-7375

10. Field and Pool, or Exploratory
RED HILLS; BN SPR, N.

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T24S R34E Mer NMP 330FNL 380FEL

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Production Start-up
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

6/30/15-MIRU
7/9/15-7/13/15- Perf'd 14 Stages: 15178-14981; 14914-14707; 14638-14431; 14362-14155; 14086-13879; 13810-13603; 13534-13327; 13258-13051; 12982-12775; 12706-12499; 12430-12223; 12154-11947; 11878-11671; 11602-11395
7/9/15-7/14/15- Frac Stages 1-14: Clean Volume: 1,988,458 Gal and Total Proppant: 3,812,964 lbs
7/22/15- Set 2 7/8" tbg @ 10338
7/24/15- Rig down
8/21/15- On 24 hr OPT, Producing 619 Oil, 660 Gas, 987 Water, GOR 1066

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #314170 verified by the BLM Well Information System
For CHEVRON MIDCONTINENT LP, sent to the Hobbs

Name *(Printed/Typed)* DENISE PINKERTON — Title REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 08/26/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Tops & lithology

30-025-41199

Well	FmTop Abbrev	FM Top Name		MD	TVDSS	TVD
Madera 17 Fed 1H	LMAR	Lamar	Limestone			
Madera 17 Fed 1H	BLCN	Bell Canyon	Sand Shale	5,326	-1,740	5,326
Madera 17 Fed 1H	CRCN	Cherry Canyon	Sand Shale	6,233	-2,647	6,233
Madera 17 Fed 1H	BYCN	Brushy Canyon	Sand Shale	7,603	-4,016	7,602
Madera 17 Fed 1H	BSGL	Bone Spring Lime	Limestone	9,016	-5,430	9,016
Madera 17 Fed 1H	AVLN	Avalon	Shale	9,076	-5,490	9,076
Madera 17 Fed 1H	FBSG	First Bone Spring	Sand Shale	10,016	-6,429	10,015
Madera 17 Fed 1H	SBSG	Second Bone Spring	Sand Shale	10,599	-7,001	10,587

Chevron

Summary Report

Completion
Complete
Job Start Date: 6/29/2015
Job End Date: 7/24/2015

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Report Start Date: 6/29/2015

Com
PJSM with Crossfire. Discuss rigging up risers, testing, filling casing. Discuss pinch points, heat, SWA, TIF.
RU Casing Risers - Both at same level on ground.I Intermediate - Inner - painted blue Surface - Outer - painted White Witnessed valves in open position prior to filling gravel Note: On Sunday - Met with Halliburton 183 Core supervisors and discussed layout. Marked where tanks / equipment will go. Sunbelt delivered 1 Forklift / 1 80' Manlift and 4 lightplants. BK has staged 3 light plants on location / 1 at pond
Test 5-1/2 x 9-5/8 intermediate csg - 1000 psi high. Took 1650 gal to fill, bled off air as filling. Pressure up to 1000 psi, monitor leak off multiple times. Held pressure for 30 min at 1000 psi. While testing: Rigged up containment mat for acid. Spotted frac tanks under HAL supervision. MIRU 2 WSM / 1 safety trailer, 8 port a pots, trash trailer.
Continue to spot frac tanks / acid tanks. Spot 3 acid tanks on containment Sport 9 frac tanks, 2 pump down tanks.
No Activity.

Report Start Date: 6/30/2015

Com
NO ACTIVITY
PJSM
MIRU Frac tanks and install water transfer equipment.
NO ACTIVITY

Report Start Date: 7/1/2015

Com
No Activity
PJSM
R/U Frac stack w/ EPS unit lay OTG containment for F/B equipment..Check for pressure on night cap needle valve 0 psi. Remove 7 1/16" 10M night cap check for pressure below BPV "0" . N/U 7 1/16 10M LMV. Pull 5" Type H BPV and replace it with 5" Type H 2-way check valve. Fill casing from lower wing valve on well head to insure all air is out of LMV.
With outer Well head wing valves closed pressure test LMV connection to well head to 250 psi low and 10000 psi high. for 5 minutes each. Pressure test holds. R/D night cap and continue R/U frac stack.
N/D 7 1/16" 10M night cap from top of 7 1/16" LMV. Then N/U as follows: 7-1/16" 10M Upper Master Hydraulic Frac Valve 7-1/16" Flow cross Two (2) 4-1/16" 10M Valves (inner manual / outer hydraulic) on both sides 7-1/16" 10M Crown Manual Frac Valve . & RU flowback equipment with 2 OTT. MIRU 3 ea. Lobo F/B tanks.
Pressure test Frac stack and all flow back iron to 250 psi low pressure and 10000 psi high.On chart Test good.
Continue R/U water transfer Fill frac tanks.
PJSM with E line crew.
R/U to run Ga. ring and junk basket.
P/U Junk basket gauge ring/CCL assy Rope Socket 1.05' 1.45" OD CCl 1.44' 3.13" OD Wt. Bar 7.99' 3.13" OD Junk Basket 5.40' 4.5" OD Total 15.88'
Pressure test lubricator after filling to 3000 psi.
Bleed off pressure open hyd. frac valve and RIH with Junk basket Assy. Correlate to Markert joints at 10,016 and check SJ at 10,341'. then RIH until tool stops at 11,005' POOH
Lay down Ga. ring CCL Assy. P/U CBL tools as follows, from top. Rope Socket 1.05' 1.45" OD CBL Tool 9.30' 2.75" OD CCL Tool 5.10' 2.75" OD Attempt multiple time to calibrate. Change out sections of the tool and can't get it calibrated. Call in for more tools and attempt to repair tool on site.

Clean volume 1,988,458 gals
TOTAL prop - 3,812,904 lbs

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Report Start Date: 7/2/2015	
	Com
Able to repair CBL tool on location. P/U tool in lubricator and pressure up on lubricator to 3000 psi. Test holds bleed off and open well.	
RIH with logging tool .Correlate to short joints at 10016' and 10341' . RIH until tool stops at 11,021' . Make repeat logging pass from 11,021' to 10,800' at 76 fpm. Drop back down until tool stops again this time at 11,003' pull tension in wire and pump 92 gal. down casing and pressure up production casing to 1000 psi. Maintain pressure and log up at 76' fpm to surface. With logging tool at 100' bleed off pressure NOTE: ETOC 2220	
Rig down Cased hole solution and release equipment	
No Activity	
PJSM with Petroplex for RSI Opening.	
R/U Petroplex pump trucks	
Fill and flush lines to OTT. Pressure test surface lines to 10000 pis.	
Pressure up on intermediate casing to 500 psi . Pressure up on production casing to 9850 psi. It takes 12.5 bbls to get to pressure. With 9850 psi on production casing Intermediate casing pressure rises to 1100 psi. RSI opens after 45 minutespressure falls down to 3554 psi.	
After opening RSI inject into RSI as follows. 10 bpm---6600 psi 12 bpm---7000 psi 14 bpm---7500 psi At 14 bpm pressure fluctuates from 8000 pi down to 6800 psi. Last pumping pressure was 7000 psi ~. Shut down ISIP 5923 psi 5 minutes- 3515 psi 10 minute-3498 psi 15 minutes-3488 psi Final presssure before shutting in well 3488 psi	
R/D Petroplex pumps.	
No Activity.	
Report Start Date: 7/3/2015	
	Com
NO ACTIVITY	
R/D and move out TNT Crane.	
NO ACTIVITY	
Report Start Date: 7/4/2015	
	Com
No Activity	
Report Start Date: 7/5/2015	
	Com
No Activity	
Report Start Date: 7/6/2015	
	Com
No Activity	
Report Start Date: 7/7/2015	
	Com
No Activity	
MIRU 3Sand Kings, 2 Sand Castles and T Belt.	
No Activity.	
Report Start Date: 7/8/2015	
	Com
No Activity	
MIRU PWR pressure control, TNT Crane, HAL WLU, and set frac containment. ND Crown Valve and NU 6 port Goat Head, Crown Valve and WL Flange. MU WL BOPE on top and test all to 250/10000 psi. Good Test. MIRU Pump Down side (1 Gel Pro and 2 frac pumps).	
Report Start Date: 7/9/2015	
	Com
Continue R/U of pumpdown side of frac spread	
Wait on Hal to arrive on location w/ TCC.	
PJSM w/ Hal frac, Hal W/L, PWR, TNT, EPS, Fesco, OTG. Go over POA, reviews JSAs/hazards/mitigation. Review muster points, ERP, TIF, Tenet, Hazard, good communcation, stage 5 safety culture, reporting of incidents, and use of SWA.	
MIRU HAL TCC Restrain lines on pumpdown side	

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
Prime up and test surface lines to 9800 psi. Pop off set at 8500 psi. Intermediate csg pop off set at 1500 psi
N/U lubricator and test. Low 250 psi/high 9500 psi. Test pass.
PU guns for stage #1, Four clusters of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). N/U lubricatorr & equalize to well.
Perf Stage #1 Perf Depths: 14,981', 15,046', 15,112', 15,178', ' 60° Phasing Notes: Open well 3300 psi. Get on depth w/ CCL and short jt at 10,016'-10,026'. Pump down using 292 bbls treated water @ 14 bpm at 245 fpm. Max pressure 7524 psi.
MIRU Halliburton frac equipment
Report Start Date: 7/10/2015
Com
MIRU frac spread
PJSM w/ Hal frac crew. Review POA, SWA, Tenet, Hazard, SWA, TIF, ERP. Go over JSA associated w/ R/U. Good communcation, good hydration, proper reporting, safety culture, muster areas, idling policy.
MIRU frac spread and restrain surface lines.
PJSM w/ Hal frac, Hal W/L, EPS, Fesco, TNT, BK, NOV, OTG, PWR, Baker. Review POA, SWA, Tenet, Hazard, SWA, TIF, ERP. Go over JSA associated w/ R/U. Good communcation, good hydration, proper reporting, safety culture, muster areas, idling policy.
Complete MIRU of frac spread. Prime up and test surface lines.
Report Start Date: 7/11/2015
Com
Replace pump truck due to transmission not going in neutral. Work on LA 3 pumps. While attempting to set N2 pop-off the pop-off was bad. Replaced. Test surface equipment to 250/9800 psi. Good Test. Set N2 pop-off to 9532 psi.
Install transducer on surface valve. Repair LA pumps and clean out feed line to LA pumps. Diagnose computer problems in TCC. NOTE: 05:30 hrs HSM & PJSM NOTE: 06:00 - 06:30 SD due to lightning
WHP: 3289 Equalize and open well. Pump by design until 1.5# sand and dry gel blender went down while starting Hybor G. Went to flush and flush to BTM perf then SD to repair gel blender.
Cleaned out fuel filter, run diagnostic pressures on fuel system w/ good pressures. Fuel tanks full. Attempt to get back into pumping succeeded in reaching rate and gel blender went down again. Decided to change out gel pro with gel pro on location. SWI.
"Frac Stage #1 Breakdown Pressure: 6,502 psi Average Pump Rate: 80 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 6,213 psi Max Pump Pressure: 8,049 psi ISIP: 3,909 psi Clean Volume Pumped: 326,216 gals Total Proppant Pumped: 225,210 lbs Notes: While fracing stage #1 beginning 1.5# sand dry gel blender went down. Flushed to BTM perf. Replace gel blender. Begin pumping again and on 2.5 ppg sand had to go to flush due to losing water transfer. NOTE: TLR 7767"
PU lubricator and CCL. MU on WH. Test to 250/8000 psi. Good Test. Bleed off and ND @ QTS.
SICP: 3600 PU guns for stage #2, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
N/U lubricator and test. Low 250 psi/high 9500 psi. Test pass.
"Perf Stage #2 Plug Setting Depth: 14,949' Perf Depths: 14,914', 14,845', 14,776', 14,707' 60° Phasing Notes: Max pressure 4150 psi, max rate 16 bbls/min, total bbls 266 bbls/ Tension prior setting plug 1278 ft/lbs, after setting 1020 ft/lbs"
Rig lubricator down and lay down guns and verify

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
Prime and test lines to 9,500 psi and test pop off. All test successful
Open well at 3514 psi, begining of pad stage a 3" chiksan failed internally causing slight drip. SD, isolate line, and resume pumping to displace acid to bottom perf.
Change out chicksan and prime and test line to 9,500 psi.
"Frac Stage #2 Breakdown Pressure: 9,183 psi Average Pump Rate: 78 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 6,905 psi Max Pump Pressure: 8,527 psi ISIP: 4,099 psi Clean Volume Pumped: 5,832 gals Total Proppant Pumped: 266,626 lbs Notes: SD After Pad due to leak on HP iron. Replaced Chiksan. Resumed and pumped full pad after SD. "
Report Start Date: 7/12/2015
Com
"Perf Stage #3 Plug Setting Depth: 14,673' Perf Depths: 14,638', 14,569', 14,500', 14,431' 60° Phasing Notes: Max Rate: 15 bpm, Max Pressure: 4389 psi, Line Speed: 256 ft/min, Tens Before Plug 1253 lbs, Tens After Plug 1050 lbs, 226 Total Bbls pumped. " 14638-14,431
Grease Frac Stack
"Frac Stage #3 Breakdown Pressure: 9,272 psi Average Pump Rate: 81 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 7,349 psi Max Pump Pressure: 8,298 psi ISIP: 4,188 psi Clean Volume Pumped: 5,052 gals Total Proppant Pumped: 284,340 lbs Notes: N/A"
"Perf Stage #4 Plug Setting Depth: 14,397' Perf Depths: 14,362', 14,293', 14,224', 14,155' 60° Phasing Notes: Max Rate: 15 bpm, Max Pressure: 4230 psi, Line Speed: 248 ft/min, Tens Before Plug 1300 lbs, Tens After Plug 984 lbs, 234 Total Bbls pumped. " 14362-14155
LD perf BHA for stage #4. NOTE: All shots fired
"Frac Stage #4 Breakdown Pressure: 4,620 psi Average Pump Rate: 79 bpm Max Pump Rate: 82 bpm Average Pump Pressure: 7,082 psi Max Pump Pressure: 8,624 psi ISIP: 4,087 psi Clean Volume Pumped: 212,821 gals Total Proppant Pumped: 275,420 lbs Notes: TLR 5067 bbls "
SICP: 4100 PU guns for stage #5, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #5 Plug Setting Depth: 14,121' Perf Depths: 14,086', 14,017', 13,948', 13,879' 60° Phasing Notes: PD @ 250 fpm @ 15 bpm w/ 4344 psi. Pre-set LT = 1155 ft/lbs, LT after set 970 ft/lbs. Ttl bbls = 196" 14086-13879
LD perf BHA for stage #5. NOTE: All shots fired

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
"Frac Stage #5 Breakdown Pressure: 4,620 psi Average Pump Rate: 77 bpm Max Pump Rate: 82 bpm Average Pump Pressure: 7,455 psi Max Pump Pressure: 8,731 psi ISIP: 4,113 psi Clean Volume Pumped: 204,604 gals Total Proppant Pumped: 265,459 lbs Notes: TLR 4872 bbls While pumping 1.5ppg - 2 ppg sand screws on gel blender plugged off increasing pressures.. Dropped rate to 60 bpm and started FR @ .5. Increased rate and dropped pressure. Unplugged screws and cont' frac by design."
SICP: 4150 PU guns for stage #6, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #6 Plug Setting Depth: 13,845' Perf Depths: 13,810', 13,741', 13,672', 13,603' 60° Phasing Notes: PD @ 250 fpm @ 15 bpm w/ 4256 psi. Pre-set LT = 1060 ft/lbs, LT after set 985 ft/lbs. Ttl bbls = 178" 13810 - 13603
Fesco grease well head.
LD perf BHA for stage #6 NOTE: All shots fired
Test and set N2 pop-off to 9500 psi. Test lines to 9800 psi good test.
"Frac Stage #6 Breakdown Pressure: 3,866 psi Average Pump Rate: 80 bpm Max Pump Rate: 83 bpm Average Pump Pressure: 6,497 psi Max Pump Pressure: 8,228 psi ISIP: 4,206 psi Clean Volume Pumped: 4,966 gals Total Proppant Pumped: 318,061 lbs Notes: TLR : 4966"
SICP: 3490 PU guns for stage #7, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #7 Plug Setting Depth: 13,569' Perf Depths: 13,534', 13,465', 13,396', 13,327' 60° Phasing Notes: Max Pressure 4296psi / Max Rate 15 bbls/min/ Total volume pumped 180 bbls/ Tension before setting plug 1070 lbs after setting plug 938 lbs." 13534 - 13,327
LD perf BHA for stage #7 NOTE: All shots fired
Test lines to 9800 psi good test.
"Frac Stage #7 Breakdown Pressure: 8,288 psi Average Pump Rate: 77 bpm Max Pump Rate: 80 bpm Average Pump Pressure: 6,904 psi Max Pump Pressure: 7,945 psi ISIP: 4,318 psi Clean Volume Pumped: 5,028 gals Total Proppant Pumped: 310,560 lbs Notes: TLR : 5027"
SICP: 3659 PU guns for stage #8, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #8 Plug Setting Depth: 13,293' Perf Depths: 13,258', 13,189', 13,120', 13,051' 60° Phasing Notes: Max Pressure 4453/ Max Rate 15 bbls/min/ Total bbls pumped 165 bbls/ Tension before setting plug 1132 lbs, tension after setting plug 950 lbs." 13258 - 13120 13051
Report Start Date: 7/13/2015

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
Grease Frac Stack
"Frac Stage #8 Breakdown Pressure: 6,782 psi Average Pump Rate: 78 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 7,523 psi Max Pump Pressure: 9,019 psi ISIP: 4,144 psi Clean Volume Pumped: 5,222 gals Total Proppant Pumped: 275,980 lbs Notes: Suction pump lost prime during first part of pad. Regained prime and resumed stage to completion."
SICP: 3756 PU guns for stage #9, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #9 Plug Setting Depth: 13,017' Perf Depths: 12,982', 12,913', 12,844', 12,775' 60° Phasing Notes: Opened Well - 3756 psi, PD with Tens: 1151 lbs, 253 ft/min, 15 bbl/min. Pumped 222 bbls total. Tension Before Plug - 1120, Tension After 930 lbs."
LD perf BHA for stage #9 NOTE: All shots fired
"Frac Stage #9 Breakdown Pressure: 8,567 psi Average Pump Rate: 80 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 7,451 psi Max Pump Pressure: 8,684 psi ISIP: 4,477 psi Clean Volume Pumped: 207,419 gals Total Proppant Pumped: 274,120 lbs Notes: TLR: 4939"
SICP: 4000 PU guns for stage #10, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #10 Plug Setting Depth: 12,741' Perf Depths: 12,706', 12,637', 12,568', 12,499' 60° Phasing Notes: PD @ 300 fpm @ 15 bpm w/ 4754 psi. Pre-set LT = 1080 ft/lbs, LT after set 912 ft/lbs. Ttl bbls = 110"
LD perf BHA for stage #10 NOTE: All shots fired
"Frac Stage #10 Breakdown Pressure: 4,523 psi Average Pump Rate: 79 bpm Max Pump Rate: 82 bpm Average Pump Pressure: 7,506 psi Max Pump Pressure: 8,592 psi ISIP: 4,484 psi Clean Volume Pumped: 198,203 gals Total Proppant Pumped: 274,120 lbs Notes: TLR: 4719"
SICP: 4100 PU guns for stage #11, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #11 Plug Setting Depth: 12,460' Perf Depths: 12,430', 12,361', 12,292', 12,223' 60° Phasing Notes: PD @ 285 fpm @ 15 bpm w/ 4754 psi. Pre-set LT = 1016 ft/lbs, LT after set 890 ft/lbs. Ttl bbls = 99"
Fesco grease frac stack.

Chevron

Summary Report

Completion
Complete
Job Start Date: 6/29/2015
Job End Date: 7/24/2015

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
LD perf BHA for stage #11 NOTE: All shots fired
"Frac Stage #11 Breakdown Pressure: 4,440 psi Average Pump Rate: 81 bpm Max Pump Rate: 82 bpm Average Pump Pressure: 6,893 psi Max Pump Pressure: 8,348 psi ISIP: 4,726 psi Clean Volume Pumped: 197,836 gals Total Proppant Pumped: 274,120 lbs Notes: Shortened stage by CRC LT sand by 25,147 lbs due to poor communication of crews. TLR: 4711"
SICP: 3900 PU guns for stage #12, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #12 Plug Setting Depth: 12,195' Perf Depths: 12,154', 12,085', 12,016', 11,947' 60° Phasing Notes: PD @ 280 fpm @ 15 bpm w/ 4261 psi. Pre-set LT = 1025 ft/lbs, LT after set 920 ft/lbs. Ttl bbls = 86"
12,154-11,947
LD perf BHA for stage #11 NOTE: All shots fired
"Frac Stage #12 Breakdown Pressure: 6,782 psi Average Pump Rate: 81 bpm Max Pump Rate: 82 bpm Average Pump Pressure: 6,235 psi Max Pump Pressure: 7,341 psi ISIP: 4,396 psi Clean Volume Pumped: 199,165 gals Total Proppant Pumped: 262,057 lbs"
SICP: 3687 PU guns for stage #13, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #13 Plug Setting Depth: 11,913' Perf Depths: 11,878', 11,809', 11,740', 11,671' 60° Phasing Notes: PD @ 15 BPM, 4441 psi, 235 ft/min. 1035 lbs tension prior to plug set, 895 after."
11,878-11,671
LD perf BHA for stage #13 NOTE: All shots fired
"Frac Stage #13 Breakdown Pressure: 8,354 psi Average Pump Rate: 79 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 6,828 psi Max Pump Pressure: 8,359 psi ISIP: 4,429 psi Clean Volume Pumped: 202,818 gals Total Proppant Pumped: 268,600 lbs"
SICP: 3743 PU guns for stage #14, Four Sets of 3 1/8" HSC Guns and CCL, 21 Gram Maxforce Charges w/ select fire switches 6 spf, 60deg, 12 Shots per gun (2' gun). RU lubriactor & equalize to well.
"Perf Stage #14 Plug Setting Depth: 11,637' Perf Depths: 11,602', 11,533', 11,464', 11,395' 60° Phasing Notes: PD @ 15 BPM, 4495 psi, 246 ft/min. 1032 lbs tension prior to plug set, 906 after."
11,602-11,395
LD perf BHA for stage #14 NOTE: All shots fired
Report Start Date: 7/14/2015

Report Printed: 8/26/2015

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
"Frac Stage #14 Breakdown Pressure: 5,404 psi Average Pump Rate: 80 bpm Max Pump Rate: 81 bpm Average Pump Pressure: 6,945 psi Max Pump Pressure: 7,861 psi ISIP: 4,290 psi Clean Volume Pumped: 213,276 gals Total Proppant Pumped: 238,291 lbs"
RDMO Frac/Perf and Related Business Partners. ND goathead. NU Crown Valve. Clean containment
Hold MIRU safety meeeting w/ Cudd, BK Services, TNT, Coil Chem. Discuss Scope of Job, SWA, TIF, ERP, 360 my-space, Chevron Idling policy, pinch points, over-head loads, high pressure, line of fire, communication.
MIRU CT containment, TNT Crane, Cudd 2 3/8" CTU and associated equipment, Coil'Chem chemical trailer. MU CT flange and BOPE onto Crown Valve.
Pickup Injector, NU Lubricator - 32 ft. Cut 20 ft pipe off coil MU Baker CT/DO 4.75" JZ Rockbit BHA as follows from top to bottom OD Description Length 3.13" CT connector 1.34' 2.88" BPV 1.93' 2.88" Fau Hyd Disconnect 2.02' 2.88" Circ' Sub 0.50' 2.88" Hydro Pull Filter Sub 2.70' 2.88" Hydro Pull Tool 2.70' 2.88" X Treme AD Motor 12.60' 3.31" X Over 0.70' 4.75" JZ Rock Bit 0.50' TOTAL LENGTH 25.86' NOTE: MU 3.13" CT connector onto 2 3/8" pipe. Pull test 20,000# - Good Test. Pressure Test - 3000 psi - Good Test. Function Test motor @ surface. 3 bpm - 2,200 psi
Blew main hydraulic line on power pack unit. WO replacement. Replace hose.
MU lubricator on WH,. Circ' 5 bbls to OTT. Function test BOPE. Good Test. Test lubricator and reel to 250/8000 psi for 5 min each. Good Test.
HSM & PJSA. Discuss Scope of Job CT/DO ops, over-head loads, moving parts, exclusion zones, pinch points, PPE, SWA, TIF, communication.
SICP: 3600 psi Equalize pressure to WH. TIH pumping FR water 1.0 bpm in/ 1.0 bpm out @ 3600 WHP and 5120CTP. Perform weight checks as follows: 3000' - -5 lbs 6000' - 3000 lbs 10364' - 18000 lbs (Increased rate) Increase rate to 3.5 bpm in/ 3.7 bpm out w/ CTP: 5980 WHP: 3366 Cont' RIH to tag plug #1 @ 11669.
Report Start Date: 7/15/2015
Com
Cont' RIH to tag plug #1 @ 11669'

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
"Tagged Plug #1 @ 12:25 @ 11,669' WHP 3,254 psi Thru plug @ 12:28 @ 11,671' WHP 3,254 psi Plug Milling Time 0:03 Notes: Note: Sent 10 bbl sweep " "Tagged Plug #2 @ 12:45 @ 11,943' WHP 3,240 psi Thru plug @ 12:59 @ 11,945' WHP 3,240 psi Plug Milling Time 0:19 Notes: Sent 10 bbl sweep" "Tagged Plug #3 @ 01:18 @ 12,230' WHP 3,225 psi Thru plug @ 01:21 @ 12,232' WHP 3,225 psi Plug Milling Time 0:03 Notes: Sent 10 bbl sweep/ After plug drill out pulled up T/12043' then continued to plug 4" "Tagged Plug #4 @ 01:48 @ 12,496' WHP 3,032 psi Thru plug @ 01:51 @ 12,498' WHP 3,032 psi Plug Milling Time 0:03 Notes: Sent 10 bbl sweep/ After plug drill out pulled up T/12298' then continued to plug 5" "Tagged Plug #5 @ 02:20 @ 12,779' WHP 3,109 psi Thru plug @ 02:24 @ 12,781' WHP 3,109 psi Plug Milling Time 0:04 Notes: Sent 10 bbl sweep/ After plug drill continue to tag plug 6 at 13049"'
Tagged plug 6 at 13049'. Started short trip at 30 ft/min, PU weight was at 25k, at 12037' lost 10k and then started to get sticky and started to gain weight to 38k at 12029'.
Send 10 bbl gel sweep . Cont' RIH to 12,230 and Circ' out gel sweep. Sweep on surface on time. Medium to light sand. Make multiple attempts to PU and Pull 5K over PU. Send 10 bbl gel sweep and never reached surface. Recover meduim to light sand. Call CS and CE. Circ' and send 20 bbls gel sweep. Attempt to POOH w/ PU wt 28K to 12,037' lost 15K and @ 12,029' wt increased to 38K Discuss w/ office plan forward. RIH to 12,050' Send 10 bbls gel sweep and sweep at surface on time recovering light sand. Pump 10 bbls gel sweep/20 bbl spacer/20 bbl gel sweep/20 bbl spacer/20 bbl gel sweep. Circ pressure dropped 800 psi to 4800 and WH pressure dropped from 5800 to 4600 psi.All sweeps on surface w/ trace sand. PU to 12,037' w/ 28K PU to lose wt to 13K and wt begin to increase to 38K. TIH to 12,0250' and send 10 bbls gel sweep/20 bbl spacer/20 bbl gel sweep/20 bbl spacer/20 bbl gel sweep. OLast 20 bbls sweep around EOT pull into restriction @ 12.029' to 42K for 2 minutes and begin to move pipe @ 20 fpm to KO @ 10'374'. Send 10 bbl gel sweep and RIH 100' do wt check 18K. POOH to surface @ 3.5 bpm in 3.5 bpm out.
LD and Inspect CT/DO BHA #1 and found that circ' sub shifted. Found debris in sub. Sending in to determine what it was.

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com.
PU CT/DO BHA #2. . MU Baker CT/DO 4.75" JZ Rockbit BHA as follows from top to bottom OD Description Length 3.13" CT connector 1.34' 2.88" BPV 1.93' 2.88" Fau Hyd Disconnect 2.02' 2.88" Circ' Sub 0.50' 2.88" Hydro Pull Filter Sub 2.70' 2.88" AV Sub 0.50 2.88" Hydro Pull Tool 2.70' 2.88" X Treme AD Motor 12.60' 3.31" X Over 0.70' 4.75" JZ Rock Bit 0.50' TOTAL LENGTH 25.49" NOTE: 3.13" CT connector onto 2 3/8" pipe. Pull test 20,000# - Good Test. Pressure Test - 3000 psi - Good Test. Function Test motor @ surface. 4 bpm - 3307 psi
TIH to tag plug #6, pumping 1 bbl/min in/out vertical and 4.5 bbls/min in/out from KO. WHP 3025 psi, Circ' pressure 5860 psi
Had to pull back into vertical for lighting to pass
Continued to TIH slowing down at 12029' making sure to clean sticky spot. Continued to 13017' tagging plug #6
"Tagged Plug #6 @ 22:03 @ 13,017' WHP 2,916 psi Thru plug @ 22:08 @ 13,019' WHP 2,916 psi Plug Milling Time 0:05 Notes: Sent 10 bbl sweep" "Tagged Plug #7 @ 22:30 @ 13,293' WHP 2,900 psi Thru plug @ 22:33 @ 13,295' WHP 2,900 psi Plug Milling Time 0:03 Notes: Sent 10 bbl sweep" "Tagged Plug #8 @ 22:51 @ 13,542' WHP 2,775 psi Thru plug @ 22:54 @ 13,544' WHP 2,775 psi Plug Milling Time 0:03 Notes: Sent 10 bbl sweep/ PU T/13342' then run back to tag plug 9" "Tagged Plug #9 @ 23:39 @ 13,847' WHP 2,875 psi Thru plug @ 23:45 @ 13,849' WHP 2,875 psi Plug Milling Time 0:06 Notes: Sent 10 bbl sweep/ Decided to start short trip, was not seeing sweeps come back "
Report Start Date: 7/16/2015
Com
Circ' 10 bbl sweep around EOT and TOOH @ 30 fpm to KOP @ 10,374'. NOTE: While TOOH encountered heavy pull @ 12,430' and pull 10K over PU wt of 28K. TIH 12,440' send 10 bbl gel sweep/20 bbl spacer/20 bbl gel sweep/20 bbls spacer/20 bbls gel sweep PU to obstruction w/ PU wt to 38K and TOOH to KOP @ 10,374'. TBIH to tag plug #10 @ 14,121'

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
"Tagged Plug #10 @ 04:54 @ 14,121' WHP 3,000 psi Thru plug @ 04:57 @ 14,122' WHP 3,000 psi Plug Milling Time 0:03 Notes: Send 10 bbl gel sweep after DO plug" "Tagged Plug #11 @ 05:15 @ 14,297' WHP 3,000 psi Thru plug @ 05:18 @ 3' WHP 3,000 psi Plug Milling Time 0:03 Notes: Send 10 bbl gel sweep after DO plug" "Tagged Plug #12 @ 05:31 @ 14,949' WHP 3,000 psi Thru plug @ 05:35 @ 14,950' WHP 3,000 psi Plug Milling Time 0:04 Notes: Send 10 bbl gel sweep after DO plug" "Tagged Plug #13 @ 06:06 @ 14,949' WHP 3,000 psi Thru plug @ 06:20 @ 14,950' WHP 2,900 psi Plug Milling Time 0:14 Notes: Send 10 bbl gel sweep after DO plug. PU 200' and cont' TIH to RSI."
TIH to RSI @ 12,224'. PU to 12,200 and send 10 bbls gel sweep 10 bbl spacer and 10 bbl gel sweep. WO sweeps and begin to POOH @ 30 fpm to KOP @ 10,374' and all sweeps at surface on time. Recovered medium sand and plug parts in last sweep at surface. NOTE: Send 10 bbl gel sweep @ 11,900'
HSM & PJSA. Discuss Scope of Job LD CT/DO BHA. TIF, SWA, PPE, 360 my-space, over-head loads, line of fire, communication, pinch points, good house keeping.
Bleed off lubricator. LD CT/DO BHA #2.
RD Cudd 2 3/8" CTU, HPPT, TNT Crane, Coil Chem. ND CT flange and NU capping flange. NOTE: Stone clean out OTT 16 yrds sand. NOTE: Vac trucks empty FB tanks and stack f/w
SICP: 3250 psi Open well @ 16:00 hrs on 12/64 choke and begin FB operations Starting FWHP: 1000 psi, Ending FWHP: 825 psi fluid recovery: 112.30 bbls water recovery: 112.30 bbls oil recovery: "0" bbls H2S-0 Fluid rate: 58.60 bbl/hr on 12/64" Total water recovered: 112.30 bbls Remaining frac load to recover: 72,710.70 bbl Total oil recovered: "0" bbl NOTE: Beginning TLR:72,823 bbls
Cont' Flow test operations w/ 24 hr supervision

Report Start Date: 7/17/2015

Com
FLOWING ON 14/64 WHP: PSI 2800 H2S- 0 FLUID RATE: 88 BBLS/HR TOTAL WATER RECOVERED: 920 BBLS REMAINING FRAC LOAD TO RECOVER: 71903 BBLS. OIL RECOVERED: "0" BBL NOTE: CLEAN WATER

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
FLOWING ON 16/64 WHP: PSI 2750 H2S- 0 FLUID RATE: 94 BBLS/HR TOTAL WATER RECOVERED: 1561 BBLS REMAINING FRAC LOAD TO RECOVER: 71612 BBLS. OIL RECOVERED: "0" BBL NOTE: CLEAN WATER
FLOWING ON 16/64 WHP: PSI 2400 H2S- 0 FLUID RATE: 117 BBLS/HR TOTAL WATER RECOVERED: 2210 BBLS REMAINING FRAC LOAD TO RECOVER: 70612BBLS. OIL RECOVERED: "0" BBL NOTE: CLEAN WATER
Cont' Flow test operations w/ 24 hr supervision

Report Start Date: 7/18/2015

Com
FLOWING ON 18/64 WHP: PSI 2400 H2S- 0 FLUID RATE: 111 BBLS/HR TOTAL WATER RECOVERED: 3518 BBLS REMAINING FRAC LOAD TO RECOVER: 69,304BBLS. OIL RECOVERED: "0" BBL NOTE: CLEAN WATER
FLOWING ON 20/64 WHP: PSI 2300 H2S- 0 FLUID RATE: 117 BBLS/HR TOTAL WATER RECOVERED: 4286 BBLS REMAINING FRAC LOAD TO RECOVER: 68536 BBLs. OIL RECOVERED: "9" BBLS NOTE: Little Oil
FLOWING ON 20/64 WHP: PSI 2300 H2S- 0 FLUID RATE: 117 BBLS/HR TOTAL WATER RECOVERED: 4795 BBLS REMAINING FRAC LOAD TO RECOVER: 68207 BBLs. OIL RECOVERED: "16" BBLS NOTE: Little Oil   Well Shut in
Well Shut in for the night

Report Start Date: 7/19/2015

Com
Well shut in
Hold PJSM discuss filling up tanks, rigging up iron, pinch points, lifting techniques and spills
R/U flange, bop, tool trap, pump in sub, rehead rope sockett and flow line to casing valve
Operations are suspended due to pump not working/ wait on mechanic
Pressure test flow line 250/4500 psi Equalize lines, open well, Pump 5 bbls/min, 2800 psi total of 255bbls, SICP 2500 psi
P/U 4.70" gauge ring with junk basket and test lubricator. Wireline BOP leaking as we filled the lubricator.

Chevron

Summary Report

Completion
Complete
Job Start Date: 6/29/2015
Job End Date: 7/24/2015

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
Restab and lubricator with new BOP and test 250/4500 psi. Good test.
RIH with gauge ring, correlate at short joint 1016'-10,025'. Continue to RIH to 10,390'. Log up and verify collar loactions and POOH. No debris or obstructions found.
Rehead rope socket. P/U BHA with Baker hornet production packer. Equalize to WHP at 2,500 psi. ID OD LENGTH DESCRIPTION 2.313" 4.5" 1.50' ON/OFF TOOL 2.370" 4.625" 8.99' 5 1/2 17# HORNET PKR. 2.441" 2.875" 6.3' 2 7/8" L80 EUE SUB 2.313" X 2.205" 3.967" 1.12' XN NIPPLE (NICKLE PLATED) 2.441" 2.875" 4.17' 2 7/8" L80 EUE SUB 2.205" 3.680" 0.62' ENTRY GUIDE TOTAL BHA - 22.7'
RIH and set packer with top of packer at 10316.7Initial tension at 1550 lbs final 1280lbs 10,316.17'-Top of 2.312x profile nipple 10,320'- Center Element 10,325'- Bottom of packer 10,331.46- 6' pup joint 2 7/8" 10,332.58 - 2.312 BXN NG 10,336.74' 4' pup joint 2 7/8" 10,337.23' pump ot plug with 2 pins Pump out plug set to shear at 3475 PSI with 2 pins.
L/D packer setting BHA and Lubricator. ND Wireline. N/D capping flange
Hold negative test and on Baker production packer. Monitor well with 24hr supervison
Report Start Date: 7/20/2015
Com
Vent well with 24 hr supervison
Hold PJSM discuss Rigging down equipment, watching pinch points, lifting techniques and sp
R/D upper frac stack installing 7 1/16" x 2 7/8" flow bushing with a 2 1/2" Type H BPV with lubricator. Tightened lock down pins and glad nuts to 300 ft/lbs, lock down pins also verified by measurement of 2.5" from flange. N/U abandonment cap Well Secure
Clean containment mats
Well secure Inactive
Report Start Date: 7/21/2015
Com
WELL SI, NO OPS
SM JSA REVIEW
CONT TO CLEAN CONTAINMENTS, HAUL OFF REMAINING FLUID FROM FRAC TANK
UNIT MOVE AND R/U PU AND REV EQ
CONDUCTED WEEKLY SAFETY DRILLS
OFFLOAD, STRAP, AND TALLY 340 JTS OF 2-7/8" 6.5# L80 PRODUCTION TBG ON RACKS.
CREW TRAVEL
NO ACTIVITY AT WELL SITE
Report Start Date: 7/22/2015
Com
NO ACTIVITY AT WELL SITE
CREW TRAVEL
PJSM, JSA REVIEW. CHECK PRESSURE ON WELL. 40 PSI ON CSG. NO TUBING IN HOLE. BLED OFF PRESSURE. CALIPER AND LOG ELEVATORS FOR 2-7/8" TUBING.
N/U 7-1/16" 5M CLASS III BOPE W/ 2-7/8" PIPE RAMS, BLIND RAMS, AND ANNULAR ON TOP.
REMOVE BACK PRESSURE VALVE AND INSTALL HANGER WITH 2-WAY CHECK.

Chevron

Summary Report

Completion
Complete
Job Start Date: 6/29/2015
Job End Date: 7/24/2015

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

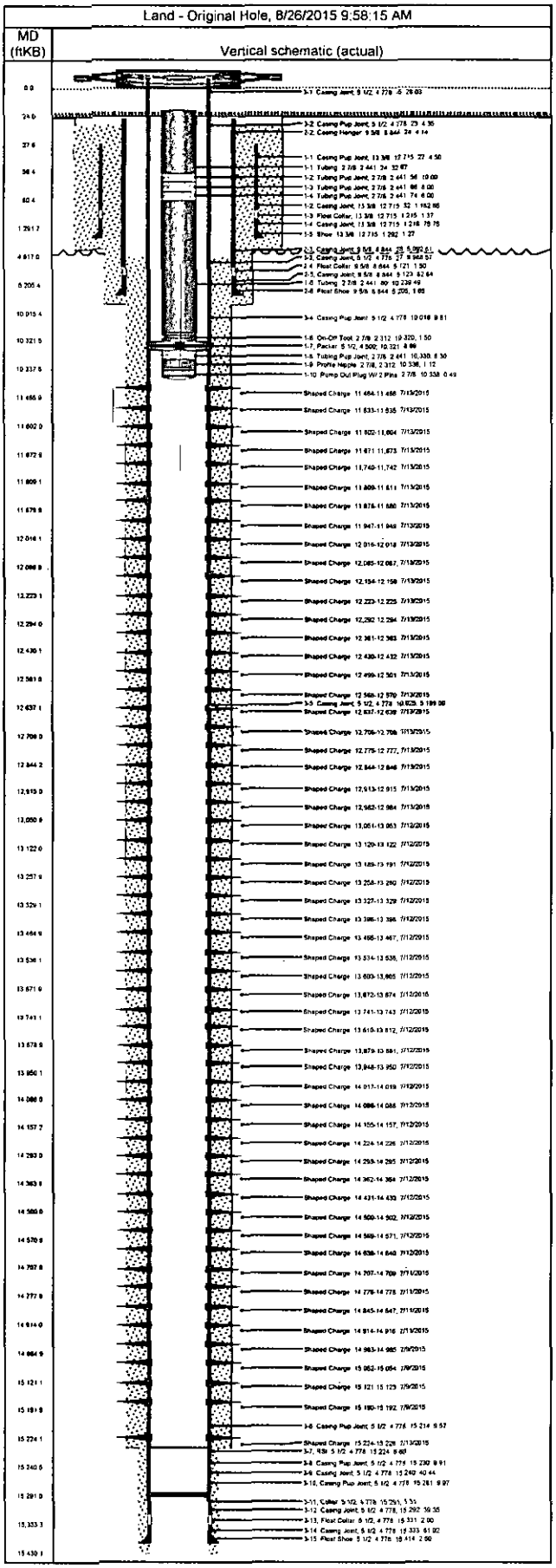
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Com
PER CE REQUEST, TEST ANNULAR TO 250 PSI LOW AND 3000 HIGH FOR 5 MINS EACH. GOOD TEST. TEST PIPE/BLIND RAMS TO 4500 PSI EACH FOR 5 MINS. GOOD TEST REMOVE HANGER AND 2-WAY CHECK.
R/U HYDROSTATIC TUBGING TESTERS
P/U ON/OFF TOOL AND RIH W/ 315 JTS OF 2-7/8" 6.5# L80 PROD TBG WHILE TESTING TO 6000 PSI. TAG ON/OFF TOOL @ 10,317'. SPACE OUT TUBING W/ 24' OF SUBS.
R/D PIPE TESTERS
CREW TRAVEL
NO ACTIVITY AT WELL SITE
Report Start Date: 7/23/2015
Com
NO ACTIVITY AT WELL SITE
CREW TRAVEL
SM, JSA REVIEW. CHECK PRESSURES ON WELL, 50 PSI ON CSG AND 0 PSI ON TBG. BLED PRESSURE OFF.
DISPLACE HOLE W/ 250 BBLS OF 2% KCL PKR FLUID W/ CORROSION INHIBITOR @ 1.5 BPM @ 150 PSI. SET 2-WAY CHECK
LATCH ON TO ON/OFF TOOL. PULL 15 PTS TO ENSURE PKR LATCHED, SET STRING W/ 12 POINTS COMPRESSION. LAND TBG HANGER IN WH.
SET BPV N/D BOPE
N/U WH RETRIEVE BPV INSTALL 2-WAY CHECK TEST VALVES AND COMPONETS ON TREE TO 4000 PSI FOR 5 MINS. GOOD TEST. RETRIEVE 2-WAY CHECK
PUMP OUT PLUG @ 3300 PSI. PUMP 5 BBLS OF FW TO VERIFY THAT PLUG BURST.
OPEN WELL WITH 1500 PSI CHOKE @ 32/64 FLOWED BACK 100 BBLS SHUT WELL IN WITH 1500 PSI
SECURE WELL. R/D PULLING UNIT AND REV EQ.
CREW TRAVEL
NO ACTIVITY AT WELL SITE
Report Start Date: 7/24/2015
Com
NO ACTIVITY AT WELL SITE
CREW TRAVEL
SM, JSA REVIEW
R/D PU AND REV EQ TURN WELL OVER TO PRODUCTION
MOVE TO STATE 2 #8. ***FINAL REPORT***

Report Printed: 8/26/2015

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent



Job Details

Job Category	Start Date	Rig/Unit End Date
Completion	6/29/2015	7/2/2015
Completion	7/2/2015	7/2/2015
Completion	7/2/2015	7/9/2015
Completion	7/9/2015	7/14/2015
Completion	7/21/2015	7/24/2015

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Surface	13 3/8	48.00	H-40		1,293
Intermediate Casing 1	9 5/8	40.00	HCK-55	ST&C	5,207
Production Casing	5 1/2	20.00	P-110		15,417

Tubing Strings

Tubing - Production set at 10,338.0ftKB on 7/22/2015 15:00

Tubing Description	Run Date	String Length (ft)	Set Depth (MD) (ftKB)
Tubing - Production	7/22/2015	10,314.26	10,338.0

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Tubing	1	2 7/8	6.50	L-80	32.67	56.4
Tubing Pup Joint	1	2 7/8	6.50	L-80	10.00	66.4
Tubing Pup Joint	1	2 7/8	6.50	L-80	8.00	74.4
Tubing Pup Joint	1	2 7/8	6.50	L-80	6.00	80.4
Tubing	314	2 7/8	6.50	L-80	10,239.49	10,319.9
On-Off Tool	1	2 7/8			1.50	10,321.4
Packer	1	5 1/2			8.69	10,330.1
Tubing Pup Joint	1	2 7/8	6.50	L-80	6.30	10,336.4
Profile Nipple	1	2 7/8			1.12	10,337.5
Pump Out Plug W/ 2 Pins	1	2 7/8			0.49	10,338.0

Perforations

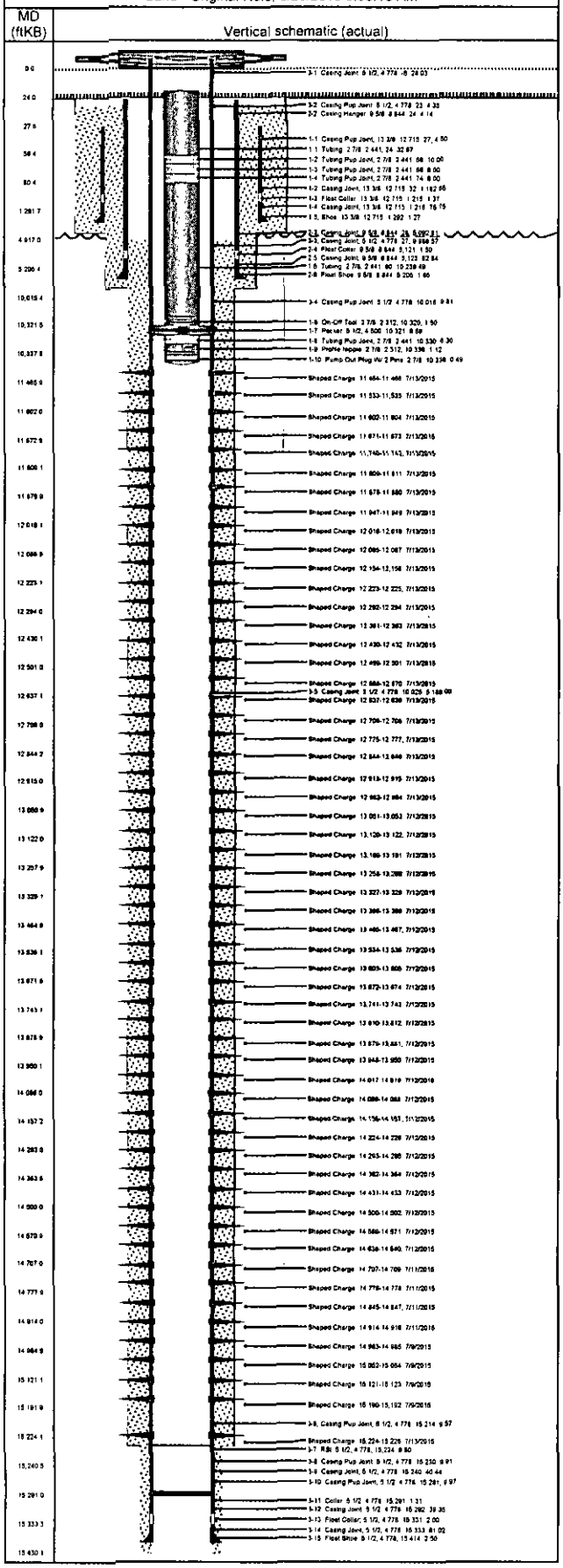
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
					2nd Bone Spring, Original Hole
7/13/2015	11,464.0	11,466.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,533.0	11,535.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,602.0	11,604.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,671.0	11,673.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,740.0	11,742.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,809.0	11,811.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,878.0	11,880.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	11,947.0	11,949.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,016.0	12,018.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,085.0	12,087.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,154.0	12,156.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,223.0	12,225.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,292.0	12,294.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,361.0	12,363.0	6.0	12	2nd Bone Spring, Original Hole

Report Printed: 8/26/2015

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Land - Original Hole, 8/26/2015 9:58:16 AM



Perforations

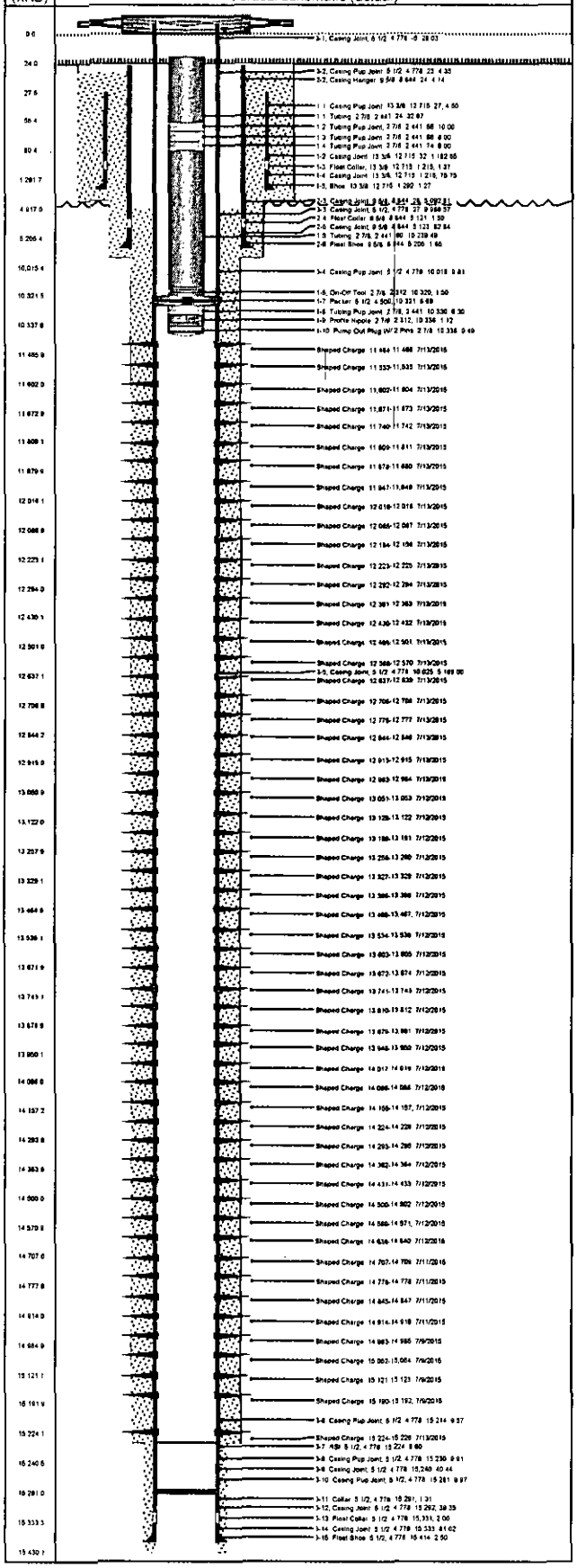
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
7/13/2015	12,430.0	12,432.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,499.0	12,501.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,568.0	12,570.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,637.0	12,639.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,706.0	12,708.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,775.0	12,777.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,844.0	12,846.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,913.0	12,915.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	12,982.0	12,984.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,051.0	13,053.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,120.0	13,122.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,189.0	13,191.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,258.0	13,260.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,327.0	13,329.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,396.0	13,398.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,465.0	13,467.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,534.0	13,536.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,603.0	13,605.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,672.0	13,674.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,741.0	13,743.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,810.0	13,812.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,879.0	13,881.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	13,948.0	13,950.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,017.0	14,019.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,086.0	14,088.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,155.0	14,157.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,224.0	14,226.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,293.0	14,295.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,362.0	14,364.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,431.0	14,433.0	6.0	12	2nd Bone Spring, Original Hole

Report Printed: 8/26/2015

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Land - Original Hole, 8/26/2015 9:58:16 AM



Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
7/12/2015	14,500.0	14,502.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,569.0	14,571.0	6.0	12	2nd Bone Spring, Original Hole
7/12/2015	14,638.0	14,640.0	6.0	12	2nd Bone Spring, Original Hole
7/11/2015	14,707.0	14,709.0	6.0	12	2nd Bone Spring, Original Hole
7/11/2015	14,776.0	14,778.0	6.0	12	2nd Bone Spring, Original Hole
7/11/2015	14,845.0	14,847.0	6.0	12	2nd Bone Spring, Original Hole
7/11/2015	14,914.0	14,916.0	6.0	12	2nd Bone Spring, Original Hole
7/9/2015	14,983.0	14,985.0	6.0	12	2nd Bone Spring, Original Hole
7/9/2015	15,052.0	15,054.0	6.0	12	2nd Bone Spring, Original Hole
7/9/2015	15,121.0	15,123.0	6.0	12	2nd Bone Spring, Original Hole
7/9/2015	15,190.0	15,192.0	6.0	12	2nd Bone Spring, Original Hole
7/13/2015	15,224.0	15,226.0	6.0	12	2nd Bone Spring, Original Hole

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Composite Frac Plug (drop ball)	11,637.0	11,639.0	7/14/2015	7/15/2015	Stage 14
Composite Frac Plug (drop ball)	11,913.0	11,915.0	7/14/2015	7/15/2015	Stage 13
Composite Frac Plug (drop ball)	12,195.0	12,197.0	7/14/2015	7/15/2015	Stage 12
Composite Frac Plug (drop ball)	12,460.0	12,462.0	7/14/2015	7/15/2015	Stage 11
Composite Frac Plug (drop ball)	12,741.0	12,743.0	7/13/2015	7/15/2015	Stage 10
Composite Frac Plug (drop ball)	13,017.0	13,019.0	7/13/2015	7/15/2015	Stage 9
Composite Frac Plug (drop ball)	13,293.0	13,295.0	7/12/2015	7/15/2015	Stage 8
Composite Frac Plug (drop ball)	13,569.0	13,571.0	7/12/2015	7/15/2015	Stage 7
Composite Frac Plug (drop ball)	13,845.0	13,847.0	7/12/2015	7/15/2015	Stage 6
Composite Frac Plug (drop ball)	14,121.0	14,123.0	7/12/2015	7/16/2015	Stage 5
Composite Frac Plug (drop ball)	14,397.0	14,399.0	7/12/2015	7/16/2015	Stage 4
Composite Frac Plug (drop ball)	14,673.0	14,675.0	7/12/2015	7/16/2015	Stage 3
Composite Frac Plug (drop ball)	14,949.0	14,951.0	7/11/2015	7/16/2015	Stage 2

Report Printed: 8/26/2015

Tubing Summary

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

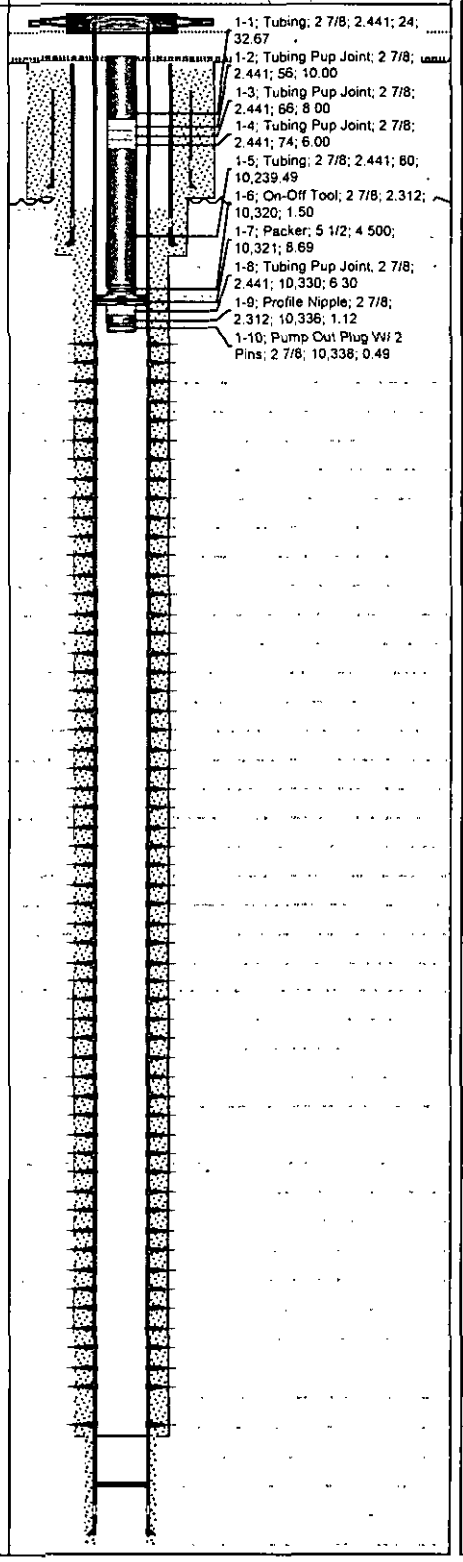
Ground Elevation (ft)	Original RKB Elevation (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,561.00	3,585.01	3,585.00, 4/15/2015		

Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)
24.00			

Land - Original Hole, 7/22/2015 3:00:00 PM

MD (ftKB)	TVD (ftKB)	Incl (°)
		0.5
		0.5
		0.5
		0.5
		0.5
		0.8
		1.4
		1.3
		1.9
		1.8
		2.0
		87.7
		89.0
		89.0
		89.6
		89.5
		89.4
		89.6
		89.5
		89.4
		88.8
		89.1
		88.9
		88.3
		88.8
		90.0
		90.6
		90.1
		89.4
		88.6
		87.7
		88.3
		90.4
		90.9
		90.9
		90.6
		89.6
		88.8
		89.4
		89.4
		89.2
		89.7
		89.8
		89.0
		89.1
		89.4
		90.4
		90.6
		90.5
		90.4
		90.3
		90.1
		89.9

Vertical schematic (actual)



Tubing Strings

Tubing Description	Planned Run?	Set Depth (MD) (ftKB)	Set Depth (TVD) (ftKB)
Tubing - Production	N	10,338.0	10,337.0

Run Date	Run Job	Pull Date	Pull Job
7/22/2015	Complete, 6/29/2015 08:00		

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing	2 7/8	2.441	6.50	L-80		32.67	23.7	56.4
1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80		10.00	56.4	66.4
1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80		8.00	66.4	74.4
1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80		6.00	74.4	80.4
314	Tubing	2 7/8	2.441	6.50	L-80		10,239.49	80.4	10,319.9
1	On-Off Tool	2 7/8	2.312				1.50	10,319.9	10,321.4
1	Packer	5 1/2	4.500				8.69	10,321.4	10,330.1
1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80		6.30	10,330.1	10,336.4
1	Profile Nipple	2 7/8	2.312				1.12	10,336.4	10,337.5
1	Pump Out Plug W/ 2 Pins	2 7/8					0.49	10,337.5	10,338.0

Rod Strings

Rod Description	Planned Run?	Set Depth (ftKB)	Set Depth (TVD) (ftKB)

Run Date	Run Job	Pull Date	Pull Job

Rod Components

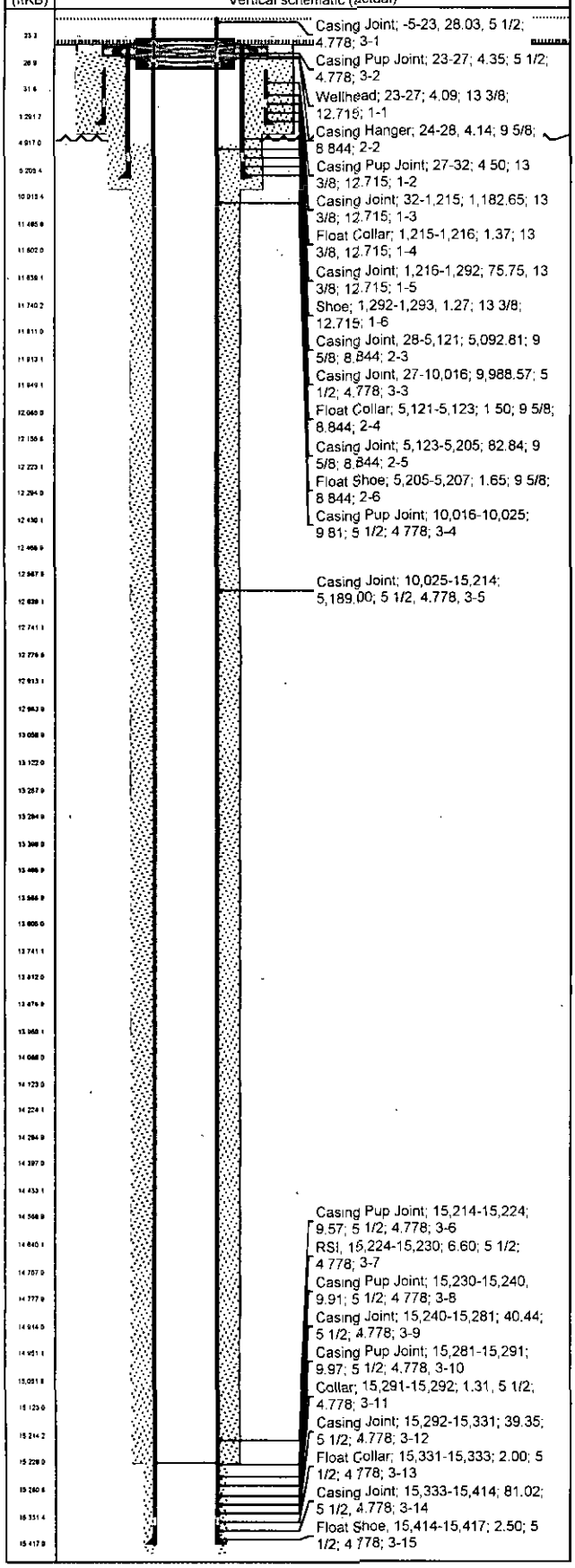
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)

Report Printed: 8/26/2015

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Land - Original Hole, 6/30/2015 1:32:53 PM



Job Details

Job Category	Start Date	Rig/Unit End Date
Drill	5/26/2015	6/23/2015

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Surface	13 3/8	48.00	H-40		1,293
Intermediate Casing 1	9 5/8	40.00	HCK-55	ST&C	5,207
Production Casing	5 1/2	20.00	P-110		15,417

Perforations

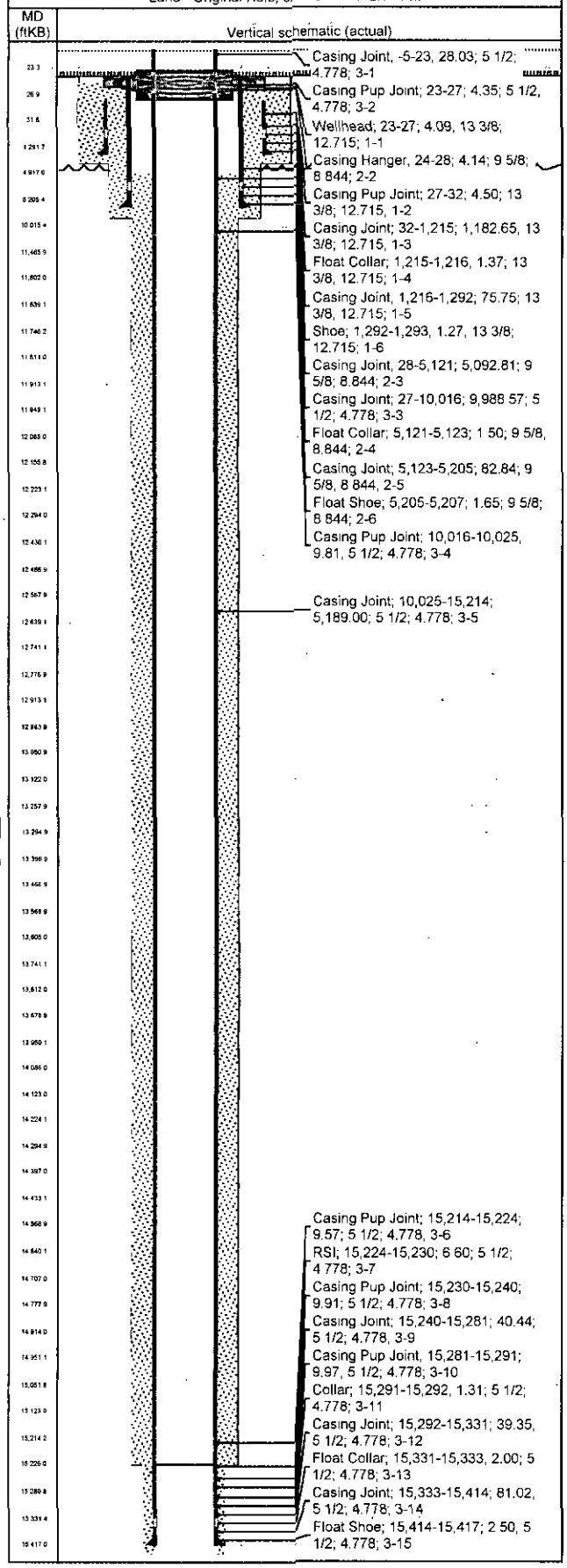
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
					2nd Bone soring, Original Hole
	11,464.0	11,466.0	6.0	12	2nd Bone soring, Original Hole
	11,533.0	11,535.0	6.0	12	2nd Bone soring, Original Hole
	11,602.0	11,604.0	6.0	12	2nd Bone soring, Original Hole
	11,671.0	11,673.0	6.0	12	2nd Bone soring, Original Hole
	11,740.0	11,742.0	6.0	12	2nd Bone soring, Original Hole
	11,809.0	11,811.0	6.0	12	2nd Bone soring, Original Hole
	11,878.0	11,880.0	6.0	12	2nd Bone soring, Original Hole
	11,947.0	11,949.0	6.0	12	2nd Bone soring, Original Hole
	12,016.0	12,018.0	6.0	12	2nd Bone soring, Original Hole
	12,085.0	12,087.0	6.0	12	2nd Bone soring, Original Hole
	12,154.0	12,156.0	6.0	12	2nd Bone soring, Original Hole
	12,223.0	12,225.0	6.0	12	2nd Bone soring, Original Hole
	12,292.0	12,294.0	6.0	12	2nd Bone soring, Original Hole
	12,361.0	12,363.0	6.0	12	2nd Bone soring, Original Hole
	12,430.0	12,432.0	6.0	12	2nd Bone soring, Original Hole
	12,499.0	12,501.0	6.0	12	2nd Bone soring, Original Hole
	12,568.0	12,570.0	6.0	12	2nd Bone soring, Original Hole
	12,637.0	12,639.0	6.0	12	2nd Bone soring, Original Hole
	12,706.0	12,708.0	6.0	12	2nd Bone soring, Original Hole
	12,775.0	12,777.0	6.0	12	2nd Bone soring, Original Hole
	12,844.0	12,846.0	6.0	12	2nd Bone soring, Original Hole
	12,913.0	12,915.0	6.0	12	2nd Bone soring, Original Hole
	12,982.0	12,984.0	6.0	12	2nd Bone soring, Original Hole
	13,051.0	13,053.0	6.0	12	2nd Bone soring, Original Hole

Report Printed: 6/30/2015

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Land - Original Hole, 6/30/2015 1:32:54 PM



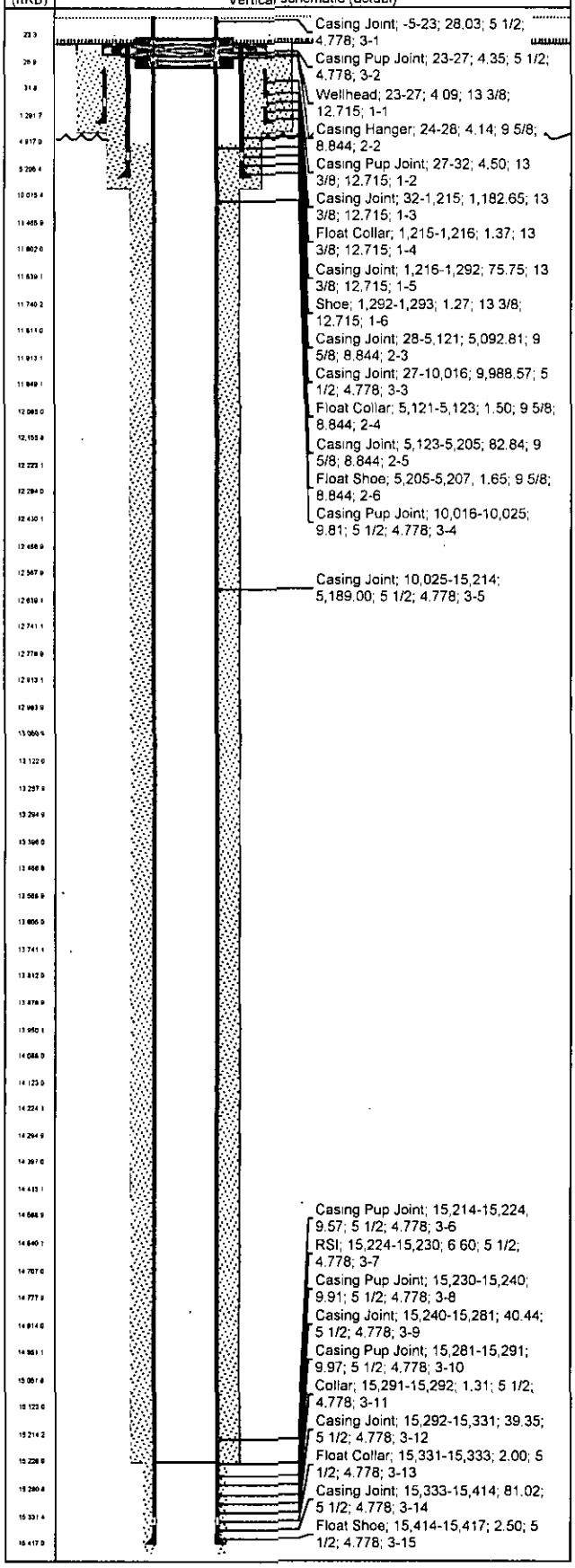
Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
	13,120.0	13,122.0	6.0	12	2nd Bone soring, Original Hole
	13,189.0	13,191.0	6.0	12	2nd Bone soring, Original Hole
	13,258.0	13,260.0	6.0	12	2nd Bone soring, Original Hole
	13,327.0	13,329.0	6.0	12	2nd Bone soring, Original Hole
	13,396.0	13,398.0	6.0	12	2nd Bone soring, Original Hole
	13,465.0	13,467.0	6.0	12	2nd Bone soring, Original Hole
	13,534.0	13,536.0	6.0	12	2nd Bone soring, Original Hole
	13,603.0	13,605.0	6.0	12	2nd Bone soring, Original Hole
	13,672.0	13,674.0	6.0	12	2nd Bone soring, Original Hole
	13,741.0	13,743.0	6.0	12	2nd Bone soring, Original Hole
	13,810.0	13,812.0	6.0	12	2nd Bone soring, Original Hole
	13,879.0	13,881.0	6.0	12	2nd Bone soring, Original Hole
	13,948.0	13,950.0	6.0	12	2nd Bone soring, Original Hole
	14,017.0	14,019.0	6.0	12	2nd Bone soring, Original Hole
	14,086.0	14,088.0	6.0	12	2nd Bone soring, Original Hole
	14,155.0	14,157.0	6.0	12	2nd Bone soring, Original Hole
	14,224.0	14,226.0	6.0	12	2nd Bone soring, Original Hole
	14,293.0	14,295.0	6.0	12	2nd Bone soring, Original Hole
	14,362.0	14,364.0	6.0	12	2nd Bone soring, Original Hole
	14,431.0	14,433.0	6.0	12	2nd Bone soring, Original Hole
	14,500.0	14,502.0	6.0	12	2nd Bone soring, Original Hole
	14,569.0	14,571.0	6.0	12	2nd Bone soring, Original Hole
	14,638.0	14,640.0	6.0	12	2nd Bone soring, Original Hole
	14,707.0	14,709.0	6.0	12	2nd Bone soring, Original Hole
	14,776.0	14,778.0	6.0	12	2nd Bone soring, Original Hole
	14,845.0	14,847.0	6.0	12	2nd Bone soring, Original Hole
	14,914.0	14,916.0	6.0	12	2nd Bone soring, Original Hole
	14,983.0	14,985.0	6.0	12	2nd Bone soring, Original Hole
	15,052.0	15,054.0	6.0	12	2nd Bone soring, Original Hole
	15,121.0	15,123.0	6.0	12	2nd Bone soring, Original Hole

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
MADERA 17 FED 001H	Jal	Red Hills North	Mid-Continent

Land - Original Hole, 6/30/2015 1:32:55 PM



Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
	15,190.0	15,192.0	6.0	12	2nd Bone soring, Original Hole
	15,224.0	15,226.0	6.0	12	2nd Bone soring, Original Hole

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Composite Frac Plug (drop ball)	11,637.0	11,639.0			Stage 14
Composite Frac Plug (drop ball)	11,913.0	11,915.0			Stage 13
Composite Frac Plug (drop ball)	12,189.0	12,191.0			Stage 12
Composite Frac Plug (drop ball)	12,465.0	12,467.0			Stage 11
Composite Frac Plug (drop ball)	12,741.0	12,743.0			Stage 10
Composite Frac Plug (drop ball)	13,017.0	13,019.0			Stage 9
Composite Frac Plug (drop ball)	13,293.0	13,295.0			Stage 8
Composite Frac Plug (drop ball)	13,569.0	13,571.0			Stage 7
Composite Frac Plug (drop ball)	13,845.0	13,847.0			Stage 6
Composite Frac Plug (drop ball)	14,121.0	14,123.0			Stage 5
Composite Frac Plug (drop ball)	14,397.0	14,399.0			Stage 4
Composite Frac Plug (drop ball)	14,673.0	14,675.0			Stage 3
Composite Frac Plug (drop ball)	14,949.0	14,951.0			Stage 2

Report Printed: 6/30/2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM113418

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator CHEVRON MIDCONTINENT LP
Contact: BRITANY M CORTEZ
E-Mail: BCORTEZ@CHEVRON.COM

8. Lease Name and Well No. MADERA 17 FEDERAL 1H

3. Address 15 SMITH ROAD MIDLAND, TX 79703

3a. Phone No. (include area code) Ph: 432-687-7415

9. API Well No. 30-025-41199

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

At surface 330FNL 380FEL

At top prod interval reported below 485FSL 333FEL

At total depth 485FSL 333FEL

10. Field and Pool, or Exploratory RED HILLS; BONE SPRING N

11. Sec., T., R., M., or Block and Survey or Area Sec 17 T24S R34E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded 05/31/2015

15. Date T.D. Reached 06/19/2015

16. Date Completed ☐ D & A ☒ Ready to Prod. 07/14/2015

17. Elevations (DF, KB, RT, GL)* 3561 GL

18. Total Depth: MD 15430 TVD 10996 15226

19. Plug Back T.D.: MD TVD 15291

20. Depth Bridge Plug Set: MD TVD

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

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

SEP 14 2015
RECEIVED
OBBS OCD

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
17.500	13.375 H-40	48.0	0	1293		1394		0	
12.250	9.625 HCK-55	40.0	0	5207		1685		0	
8.750	5.500 P-110	20.0	0	15417		2240		4917	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10338							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING, NORTH	11464	15226	11464 TO 15226			SEE WBD (ATTACHED)
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11464 TO 15226	CLEAN VOLUME: 1,988,458 GAL; TOTAL PROP: 3,812,964 LBS

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
08/11/2015	08/21/2015	24	→	619.0	660.0	987.0			FLOWS FROM WELL
Choke Size	**Tbg Press Flwg SI**	**Csg Press**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas Oil Ratio**	**Well Status**	
			→	619	660	987	1066	POW	

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 Only

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #316005 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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.)*
CAPTURED

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
SEE ATTACHED					

32. Additional remarks (include plugging procedure):
See Attached tops and lithology

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

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

Electronic Submission #316005 Verified by the BLM Well Information System.
For CHEVRON MIDCONTINENT LP, sent to the Hobbs

Name *(please print)* BRITANY M CORTEZ Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 09/10/2015

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****