

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-42060
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gamma Ridge 14 24 34
8. Well Number 008H
9. OGRID Number 4323
10. Pool name or Wildcat Red Hills; Bone Spring, North

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐	HOBBS OGD
2. Name of Operator Chevron U.S.A. Inc	APR 06 2015
3. Address of Operator 15 Smith Road Midland, TX 79705	
4. Well Location Unit Letter <u>A</u> : <u>330</u> feet from the <u>North</u> line and <u>380</u> feet from the <u>East</u> line Section <u>14</u> Township <u>24S</u> Range <u>34E</u> NMPM County <u>Lea</u>	RECEIVED
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3457' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: New well completion

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

2/10/15- MIRU ***Completion Summary attached
2/16/15- Perforate from 16,301-16,448. Pump 3,000 gal acid
2/18/15-Perforate from 16,058-16,254.
2/19/15- Perforate from 15,816-16,012, 15,573-15,769, 15,331-15,527, 15088-15,284.
2/20/15- Perforate 14,846-15,042, 14,603-14,799, 14,361-14,557, 14,118-14,314.
2/21/15- Perforate 13,876-14,072, 13,633-13,829, 13,391-13,587, 13,148-13,344.
2/22/15- Perforate 12,906-13,102, 12,647-12,857, 12,389-12,599.
2/16/15-2/22/15- Frac w/ Total Prop- 5,112,480 lbs; 20/40 white- 2,813,340 lbs; 20/40 garnet- 2,159,120 lbs; 100 mesh-139,840 lbs
Slick water- 10,876 bbls; Dyna Frac- 68,566 bbls
3/5/15- Ran 2 7/8" tbg @ 11,488' (tbg summary attached)
3/6/15- Release Rig
3/21/15- On 24 hour OPT, flowing 567 Oil, 731 Gas, 1929 Water (17/64" choke 1900PSI FTP) GOR 1289, Oil Gravity 43.6 deg

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bouton Cortez TITLE Regulatory DATE 4/2/15

Type or print name _____ E-mail address: _____ PHONE: _____
For State Use Only

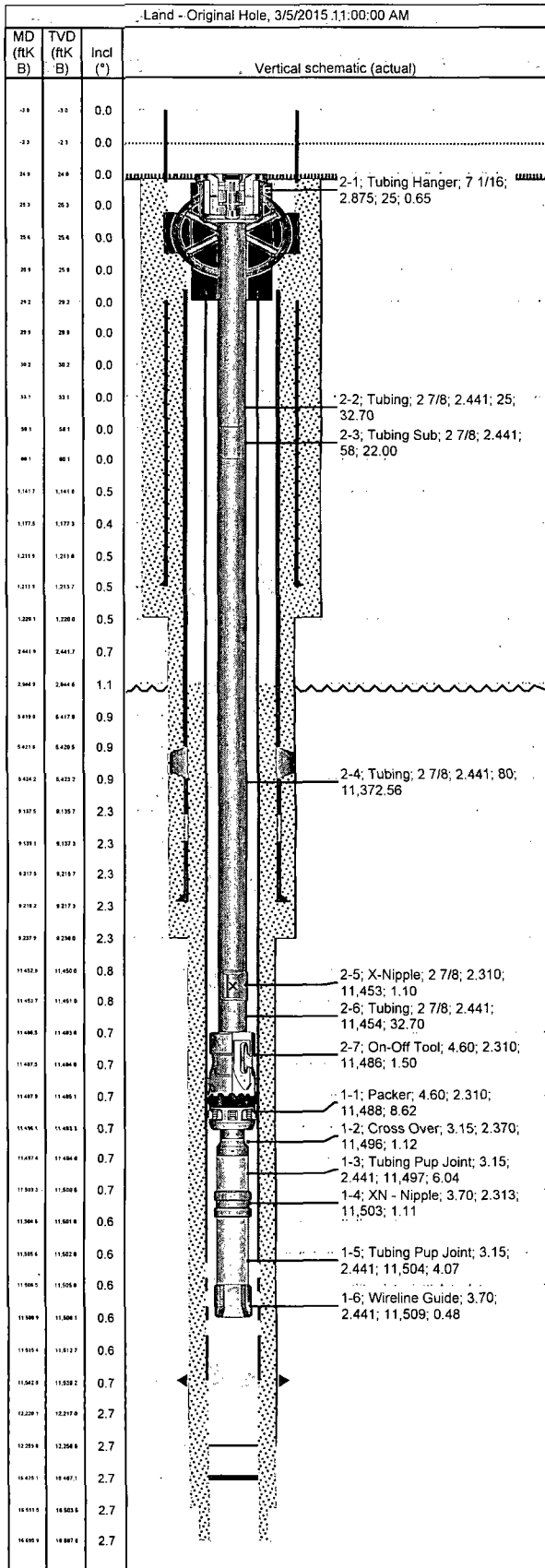
APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 04/14/15
Conditions of Approval (if any): _____

APR 16 2015



Tubing Summary

Well Name GRAMMA RIDGE 14-24-34 008H	Lease Gramma Ridge 14-24-34	Field Name Red Hills North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,457.00	Original RKB Elevation (ft) 3,482.00	Current RKB Elevation 3,482.00, 12/8/2014	Mud Line Elevation (ft)	Water Depth (ft)
Current KB to Ground (ft) 25.00	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)	



Tubing Strings									
Tubing Description Tubing - Production		Planned Run? N		Set Depth (MD) (ftKB) 11,488.0		Set Depth (TVD) (ftKB) 11,485.3			
Run Date 3/5/2015		Run Job Complete, 2/10/2015 12:00		Pull Date		Pull Job			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing Hanger	7 1/16	2.875				0.65	24.8	25.4
1	Tubing	2 7/8	2.441	6.50	L-80		32.70	25.4	58.1
3	Tubing Sub	2 7/8	2.441	6.50	L-80		22.00	58.1	80.1
348	Tubing	2 7/8	2.441	6.50	L-80		11,372.56	80.1	11,452.7
1	X-Nipple	2 7/8	2.310				1.10	11,452.7	11,453.8
1	Tubing	2 7/8	2.441	6.50	L-80		32.70	11,453.8	11,486.5
1	On-Off Tool	4.6	2.310				1.50	11,486.5	11,488.0

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)





Wellbore Schematic

Well Name
GRAMMA RIDGE 14-24-34 008H

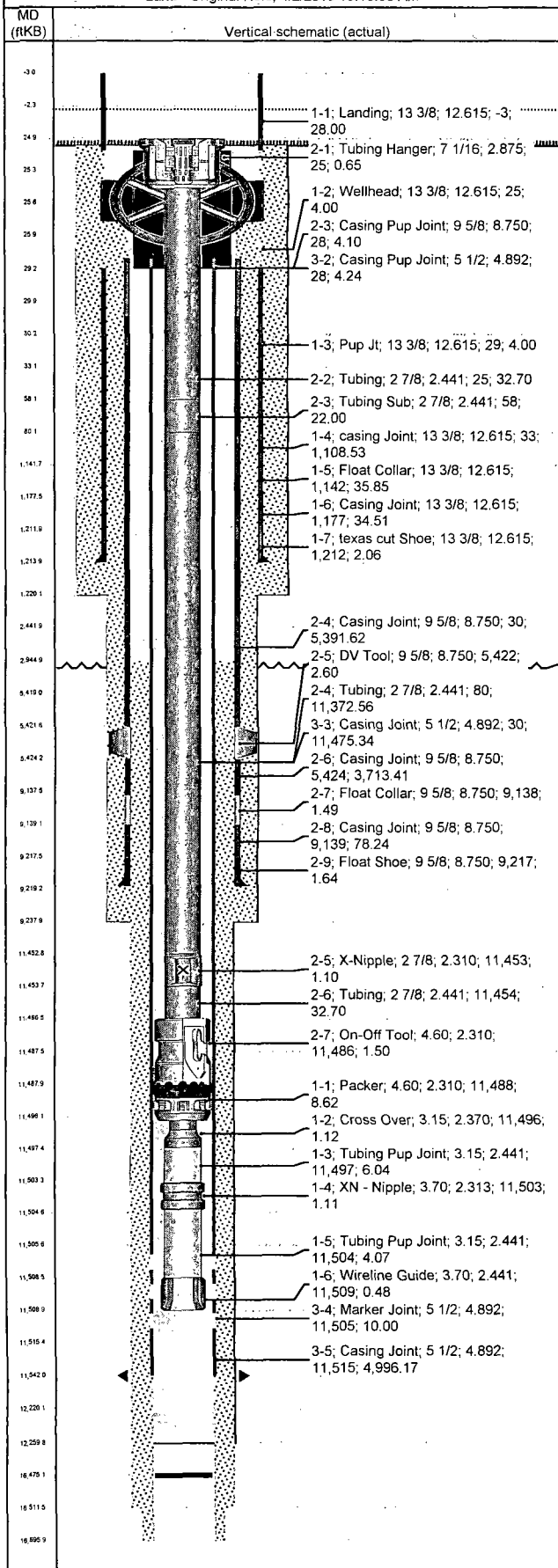
Lease
Gramma Ridge 14-24-34

Field Name
Red Hills North

Business Unit
Mid-Continent

Land - Original Hole, 4/2/2015 10:13:05 AM

Perforations



Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
2/22/2015	12,855.0	12,857.0	6.0	12	Bone Spring, Original Hole
2/22/2015	12,906.0	12,907.0	6.0	6	Bone Spring, Original Hole
2/22/2015	12,954.0	12,955.0	6.0	6	Bone Spring, Original Hole
2/22/2015	13,003.0	13,004.0	6.0	6	Bone Spring, Original Hole
2/22/2015	13,051.0	13,053.0	6.0	12	Bone Spring, Original Hole
2/22/2015	13,100.0	13,102.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,148.0	13,150.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,197.0	13,199.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,245.0	13,247.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,294.0	13,296.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,342.0	13,344.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,391.0	13,393.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,439.0	13,441.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,488.0	13,490.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,536.0	13,538.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,585.0	13,587.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,633.0	13,635.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,682.0	13,684.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,730.0	13,732.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,779.0	13,781.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,827.0	13,829.0	6.0	12	Bone Spring, Original Hole
2/21/2015	13,876.0	13,877.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,924.0	13,925.0	6.0	6	Bone Spring, Original Hole
2/21/2015	13,973.0	13,974.0	6.0	6	Bone Spring, Original Hole
2/21/2015	14,021.0	14,023.0	6.0	12	Bone Spring, Original Hole
2/21/2015	14,070.0	14,072.0	6.0	12	Bone Spring, Original Hole
2/20/2015	14,118.0	14,119.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,167.0	14,168.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,215.0	14,216.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,264.0	14,266.0	6.0	12	Bone Spring, Original Hole



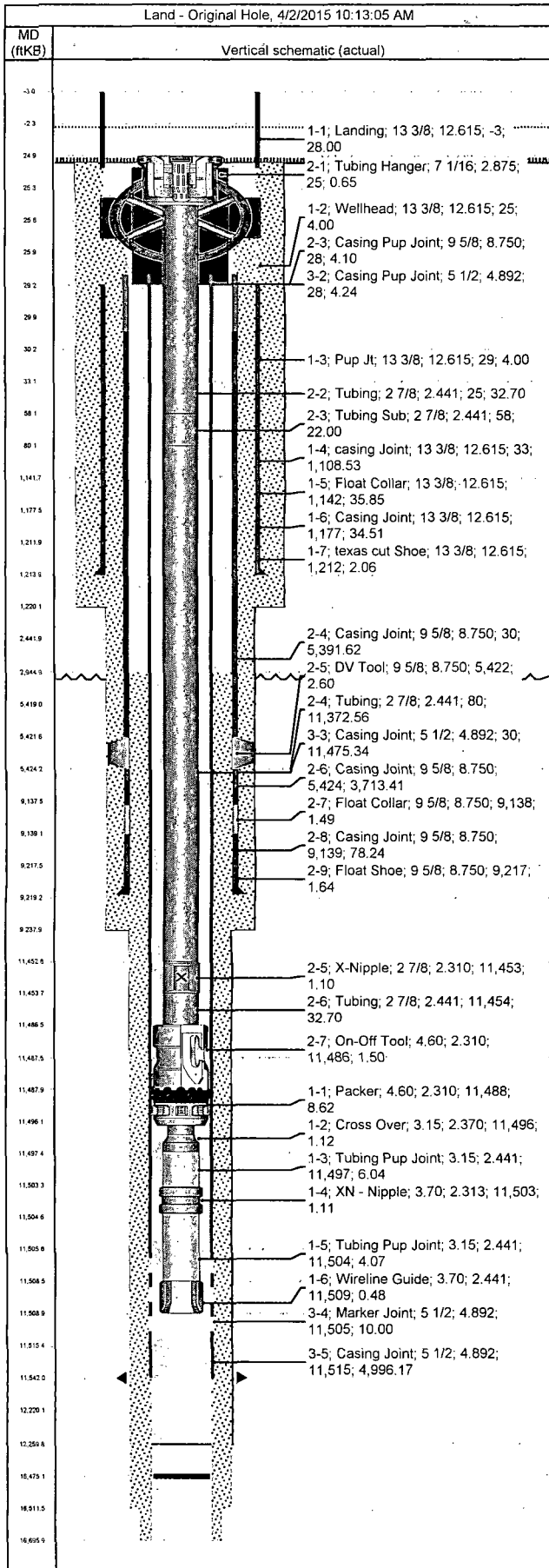
Wellbore Schematic

Well Name
GRAMMA RIDGE 14-24-34 008H

Lease
Gramma Ridge 14-24-34

Field Name
Red Hills North

Business Unit
Mid-Continent



Perforations					
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
2/20/2015	14,312.0	14,314.0	6.0	12	Bone Spring, Original Hole
2/20/2015	14,361.0	14,363.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,409.0	14,411.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,458.0	14,460.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,506.0	14,508.0	6.0	12	Bone Spring, Original Hole
2/20/2015	14,555.0	14,557.0	6.0	12	Bone Spring, Original Hole
2/20/2015	14,603.0	14,605.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,652.0	14,654.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,700.0	14,702.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,749.0	14,751.0	6.0	12	Bone Spring, Original Hole
2/20/2015	14,797.0	14,799.0	6.0	12	Bone Spring, Original Hole
2/20/2015	14,846.0	14,847.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,894.0	14,895.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,943.0	14,944.0	6.0	6	Bone Spring, Original Hole
2/20/2015	14,991.0	14,993.0	6.0	12	Bone Spring, Original Hole
2/20/2015	15,040.0	15,042.0	6.0	12	Bone Spring, Original Hole
2/19/2015	15,088.0	15,089.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,137.0	15,138.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,185.0	15,186.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,234.0	15,236.0	6.0	12	Bone Spring, Original Hole
2/19/2015	15,282.0	15,284.0	6.0	12	Bone Spring, Original Hole
2/19/2015	15,331.0	15,333.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,379.0	15,381.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,428.0	15,430.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,476.0	15,478.0	6.0	12	Bone Spring, Original Hole
2/19/2015	15,525.0	15,527.0	6.0	12	Bone Spring, Original Hole
2/19/2015	15,573.0	15,575.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,622.0	15,624.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,670.0	15,672.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,719.0	15,721.0	6.0	12	Bone Spring, Original Hole



Wellbore Schematic

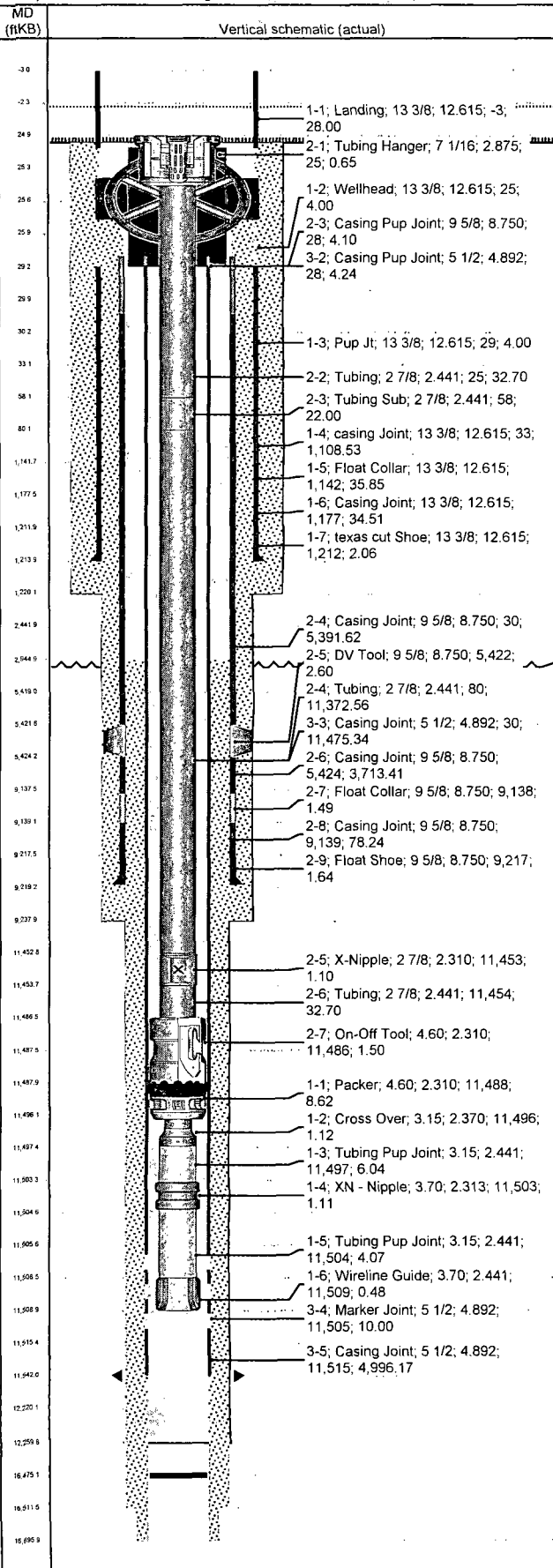
Well Name
GRAMMA RIDGE 14-24-34 008H

Lease
Gramma Ridge 14-24-34

Field Name
Red Hills North

Business Unit
Mid-Continent

Land - Original Hole, 4/2/2015 10:13:06 AM



Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
2/19/2015	15,767.0	15,769.0	6.0	12	Bone Spring, Original Hole
2/19/2015	15,816.0	15,817.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,864.0	15,865.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,913.0	15,914.0	6.0	6	Bone Spring, Original Hole
2/19/2015	15,961.0	15,963.0	6.0	12	Bone Spring, Original Hole
2/19/2015	16,010.0	16,012.0	6.0	12	Bone Spring, Original Hole
2/18/2015	16,058.0	16,059.0	6.0	6	Bone Spring, Original Hole
2/18/2015	16,107.0	16,108.0	6.0	6	Bone Spring, Original Hole
2/18/2015	16,155.0	16,156.0	6.0	6	Bone Spring, Original Hole
2/18/2015	16,204.0	16,206.0	6.0	12	Bone Spring, Original Hole
2/18/2015	16,252.0	16,254.0	6.0	12	Bone Spring, Original Hole
2/16/2015	16,301.0	16,302.5	6.0	9	Bone Spring, Original Hole
2/16/2015	16,349.0	16,350.5	6.0	9	Bone Spring, Original Hole
2/16/2015	16,398.0	16,400.0	6.0	12	Bone Spring, Original Hole
2/16/2015	16,446.0	16,448.0	6.0	12	Bone Spring, Original Hole

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

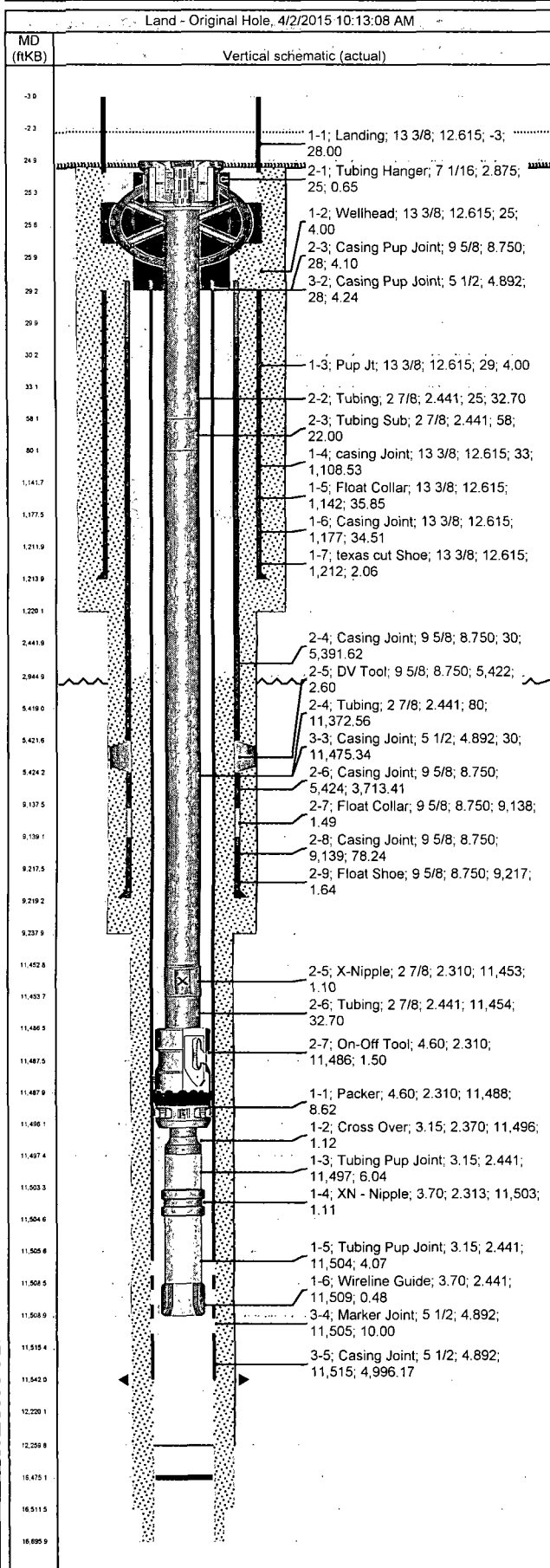
Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Whipstock	11,542.0	11,552.0	1/19/2015		
Frac Plug (permanent)	12,623.0	12,625.0	2/22/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	12,881.0	12,883.0	2/22/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	13,124.0	13,126.0	2/22/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	13,366.0	13,368.0	2/21/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	13,609.0	13,611.0	2/21/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	13,858.0	13,860.0	2/21/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	14,094.0	14,096.0	2/21/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).
Frac Plug (permanent)	14,337.0	14,339.0	2/20/2015	2/25/2015	Baker Gen 3 Quick Dirll composite frac plug (dropp ball).



Wellbore Schematic

Well Name GRAMMA RIDGE 14-24-34 008H	Lease Gramma Ridge 14-24-34	Field Name Red Hills North	Business Unit Mid-Continent
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Other In Hole					
Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Frac Plug (permanent)	14,579.0	14,581.0	2/20/2015	2/25/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	14,822.0	14,824.0	2/20/2015	2/25/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	15,070.0	15,072.0	2/20/2015	2/25/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	15,307.0	15,309.0	2/19/2015	2/25/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	15,549.0	15,551.0	2/19/2015	2/25/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	15,792.0	15,794.0	2/19/2015	2/25/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	16,034.0	16,036.0	2/19/2015	2/26/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Frac Plug (permanent)	16,277.0	16,279.0	2/18/2015	2/26/2015	Baker Gen 3 Quick Dirl composite frac plug (dropp ball).
Bridge Plug (Permanent)	16,475.0	16,477.0	2/15/2015		