

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 August 1, 2011

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-045-30567
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Four Star Gas & Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator ATTN: Regulatory Specialist 332 Road 3100 Aztec, New Mexico 87410		7. Lease Name or Unit Agreement Name LM Barton
4. Well Location Unit Letter <u>  </u> N <u>  </u> : <u>  </u> 660 <u>  </u> feet from the <u>  </u> S <u>  </u> line and <u>  </u> 1935 <u>  </u> feet from the <u>  </u> W <u>  </u> line Section <u>  </u> 12 <u>  </u> Township <u>  </u> 30N <u>  </u> Range <u>  </u> 12W <u>  </u> NMPM <u>  </u> County <u>  </u> San Juan		8. Well Number <u>  </u> 1C
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5616" GL		9. OGRID Number <u>  </u> 131994
		10. Pool name or Wildcat Blanco Mesaverde

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
OTHER: <u>per DHC 4491</u>	<input type="checkbox"/>	OTHER: <input type="checkbox"/>	

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.

Scheduled to begin 3/26/2013

Scope: repair bradenhead, perforate & stimulate Fruitland Coal, cleanout to PBTD of 4,704 thereby re-opening the Point Lookout portion of the Mesaverde.

RCVD FEB 27 '13  
OIL CONS. DIV.  
DIST. 3

1. POOH with 4014' of 2-3/8", 4.7#, J-55 tubing.
2. P/U and RIH with 4-1/2", bit & casing scraper on 2-3/8" workstring to 3260'
3. R/U wireline. Set CBP @ ~3200'.
4. RIH with packer on workstring to test CBP to 1000#
5. Isolate bradenhead communication location (possibly could be previous squeeze holes at 328'). Attempt to establish pump in rate and pressure (depending on pressure and rate it may require reperforating and acid to improve injection rate)
6. If hole is located rig up wireline run CBL to evaluate cement bond. Meet NMOCD -discuss plan of action.

Spud Date: 10/27/2001

Rig Release Date:                     

File C104 & C-105 For FC before Returning to Product  
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE April E Pohl TITLE Regulatory Specialist DATE 2/26/13

Type or print name April E. Pohl E-mail address: April.Pohl@chevron.com PHONE: 505-333-1941

**For State Use Only**

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY: Red Bell TITLE                      DATE 3/6/13

Conditions of Approval (if any):

7. P/U and RIH with 4-1/2" 11.6# cement retainer on workstring set retainer 50' above leak/holes.
8. MIRU cement crew. Sting into retainer. Establish injection rate. Mix and pump cement to squeeze leak.
9. RDMO cement crew. WOC.
10. RIH with 3-3/4" mill and bit sub on 2-3/8", 4.7#, workstring. Drill out cement retainer and cement to CBP 3200'. Circulate clean. Pressure test squeeze to 500 psi.
11. MIRU wireline unit. Install Run CCL/GR ~2200' to 1800'. Perforate Basal Fruitland Coal with 2-7/8" HSD guns with 4 SPF, as follows: 1902-1928' 104' holes.
12. Pick up frac liner with dual packers to isolate the squeeze holes at 328'.
13. Frac Basal Fruitland Coal via casing as per the service company recommendation.
14. RIH with 3-3/4" bit and bit sub on 2-3/8" workstring drill out 1st CBP at 3200' and 2nd CBP at 4210' proceed to cleanout to PBTD of 4706'
15. POOH with workstring and bit. L/D Workstring and BHA.
16. P/U and RIH w/ 2-3/8", 4.7#, production tubing. Land tbg at ~ 4600'. Run rods and pump. Install pumping unit.
17. Rig down and clean location



# L.M. Barton #1C

San Juan County, New Mexico

Current Well Schematic as of 11-23-2008

API:	30-045-30567	Geologic Tops:	
Legals:	Sec 12 - T 30N - R 12W	Ojo Alamo	435'
	660' FSL & 1935' FWL	Kirtland	555'
Field:	Blanco Mesaverde	Fruitland	1398'
KB		Pictured Cliffs	1940'
KB Elev	5629'	Menefee	3680'
GR Elev	5616'	PLO	4300'

Comp date	7/15/2002
Status:	

Surface Casing:  
8-5/8", 24#, J-55, set @ 347' in 12-1/4" hole  
Cmt'd. with 260 sks G - circ 9 bbls to pit

8-2003  
Shot 2 holes @ 328' pumped 2.5 bpm @ 500 psi  
Sq w/ 100 sxs 2% CaCl Class G circ 10 bbls to pit.  
Test to 1000# Ok c/o to PBTD of 4706'

4-2004  
Set CBP @ 1010'  
Ran CBL - Pressure Temp Survey Good cement no gas interference  
Drill out CBP & c/o to 4706' no sand in well

Tubing Details (11/21/08)  
131 jts 2-3/8" J-55 tbg  
2-3/8" profile nipple  
4" x 2-3/8" pup jt  
Wireline re-entry guide  
EOT @ 4014'

DV Tool @ 3249'

Menefee:	Perf:	3921' - 3926'; 3952' - 3958'; 4018' - 4023'; 4084' - 4088'
(11/10/08)	3-1/8" gun, 90 deg phasing, 2 spf, 40 holes total	
Frac:	Pumped 1000 gals w/ 60 bio-ball @ 7bpm, max pressure 2100 psi	
(11/14/08)	Pumped 72,022 gals 9 cp Delta 140 frac fluid, Pumped 1100 sxs 20/40 sand; Max rate = 23 bpm; Max pressure = 3231 psi;	

Clean out to 4210' (11/20/08)  
Baker CBP set @ 4210' (11/7/08)

Perforation Details:  
Point Lookout (MV) 4574-78'; 4510-16'; 4490-4500'; 4464-68'; 4458-60'; 4439-45'  
182 - 0.41" holes total 91' 90 degree phased  
Frac w/ 2000 gals 15% HCL 112 Mgal slickwtr, 130 Mlbs 16/30 Brady  
#@ 66.3 bpm ATP 16510# MTP 3717

Production Casing:  
4-1/2", 11.6#, J-55 Csg set @ 4750' in 7-7/8" Hole  
Cmt'd Stage #1 w/ 237 sxs G Litecrete 9.5 #/gal circ 40 bbls to pit, no losses  
DV tool @ 3249'  
Cmt'd Stage #2 w/ 592 sxs G Litecrete circ 38 bbls to pit, no losses

TD = 4750

PBTD 4706'

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-30567		<sup>2</sup> Pool Code 71629		<sup>3</sup> Pool Name Basin Fruitland Coal (Gas)	
<sup>4</sup> Property Code 17695		<sup>5</sup> Property Name LM Barton			<sup>6</sup> Well Number 1C
<sup>7</sup> OGRID No. 131994		<sup>8</sup> Operator Name Four Star Gas & Oil Company			<sup>9</sup> Elevation 5616'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	30N	12W		660	South	1935	West	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres MV 320 acres FC 319.45 acres per NMOCD	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.	RCVD MAR 1 '13 OIL CONS. DIV. DIST. 3
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

				<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>James D. Micikas</i> 2-28-13 Signature Date</p> <p>James D. Micikas Printed Name</p> <p>Micikjd@chevron.com E-mail Address</p>	
				<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>	
				<p>Certificate Number</p>	