

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

WELL API NO. 30-045-30567
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LM Barton
8. Well Number 1C
9. OGRID Number 131994
10. Pool name or Wildcat Blanco Mesaverde
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5616" GL

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

2. Name of Operator Four Star Gas & Oil Company

3. Address of Operator
 ATTN: Regulatory Specialist 332 Road 3100 Aztec, New Mexico 87410

4. Well Location
 Unit Letter ___ N ___ : 660 feet from the S line and 1935 feet from the W line
 Section 12 Township 30N Range 12W NMPM County San Juan

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 type="checkbox"/>		OTHER: <input checked="" type="checkbox"/> Allocation	
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.

Please see attached documentation for the LM Barton 1C allocation, the production curve, wellbore diagram and justification for allocation.

RCVD MAY 21 '14
 OIL CONS. DIV.
 DIST. 3

Spud Date: 10/27/2001

Rig Release Date: 06/26/13

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

SIGNATURE April E Pohl TITLE Permitting Specialist DATE 05/21/2014

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

For State Use Only

APPROVED BY: Wade Hogg TITLE Deputy Oil & Gas Inspector, District #3 DATE 5/30/14

Conditions of Approval (if any): A

LM Barton #1C

Section 12 T30N R12W

API: 30-045-30567

The LM Barton #1C was drilled and completed in the Point Lookout portion of the Mesaverde in July 2002. During November 2008 the Point Lookout was temporarily abandoned (producing 38 mcf/d 0.1 bopd and 0.5 bwpd see attached production plot) and the Menifee portion of the Mesaverde common source of supply was perforated and fraced. Therefore, since the Menifee was opened the Point Lookout remained behind pipe and was just recently reopened after the up-hole Fruitland Coal recompletion represented by the most recent production data on the attached annotated production chart. The Menifee portion of the Mesaverde was producing 22 mcf/d tr bopd and 19 bwpd.

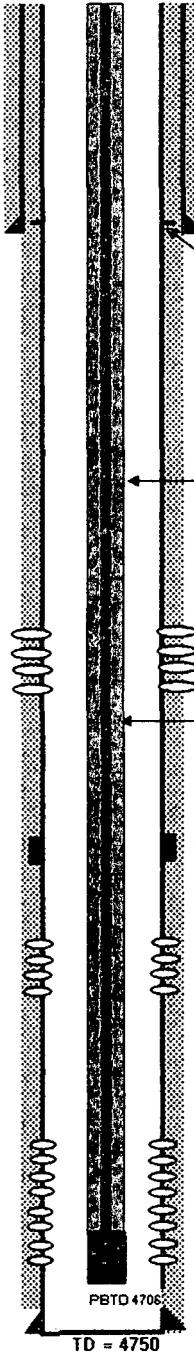
Currently the Mesaverde (Point Lookout & Menifee) and Fruitland Coal are downhole commingled. All zones are producing with the aid of a pumping unit. The commingled production rate is 250 mcf/d 0.1 bopd and 40 bwpd.

Proposed Allocation:

	Total Prod	Mesaverde	Mesaverde	Mesaverde	Mesaverde	Fruitland	Fruitland
		PLO	Menifee	Total	MV %	Coal	FC %
MCFD	250	38	22	60	24%	190	76%
BOPD	0.1	0.1	0	0.1	100%	0	0%
BWPD	40	0.5	19.5	20	50%	20	50%



L.M. Barton #1C
 San Juan County, New Mexico
 Current Well Schematic as of 04-23-2014



API: 30-045-30567
 Legals: Sec 12 - T 30N - R 12W
 660' FSL & 1935' FWL
 Field: Blanco Mesaverde
 KB: 5629'
 KB Elev: 5616'
 GR Elev: 5616'

Geologic Tops:
 Ojo Alamo 435'
 Kirtland 555'
 Fruitland 1398'
 Pictured Cliffs 1940'
 Menefee 3680'
 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 (06/25/13)
 151 jts 2-3/8" 4.7# J-55 tbg
 2-3/8" profile nipple
 4' x 2-3/8" pup jt
 Wireline re-entry guide
 EDT @ 4624.1'

Fruitland Coal added 5/7/2013
 Perf : 1902'-1928'

Rod Details
 1-1/4" Polished Rod
 175 jts 3/4" Rods (4375')
 5 jts Guided Rods 3/4" (125')
 3 jts Sinker Bars 1-1/4"

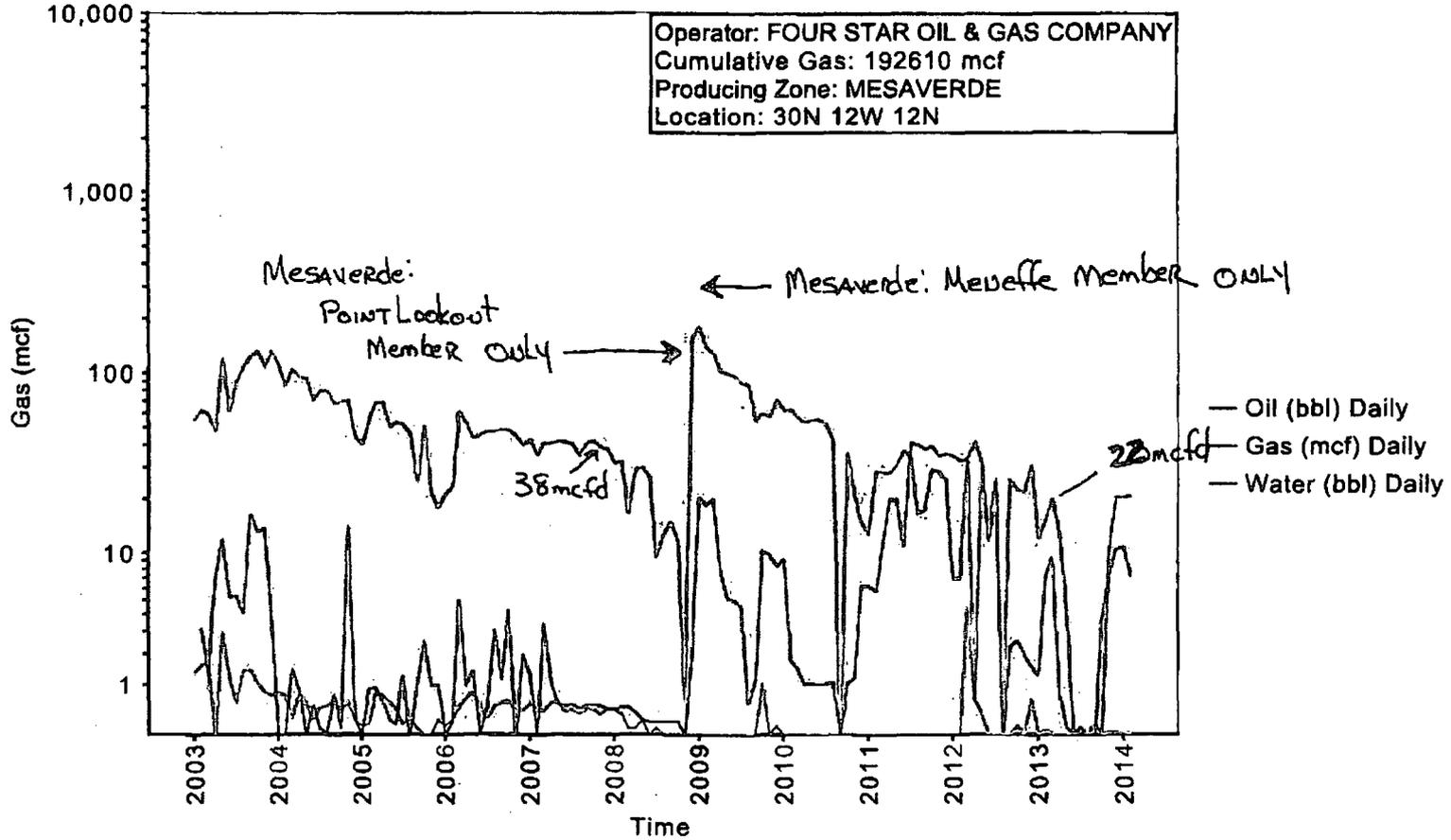
DV Tool @ 3249'

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;

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

Lease Name: L M BARTON - Well Number: 1C - Cumulative Oil: 1337 bbl - Cumulative Gas: 192610 mcf



Create date: May 20, 2014 Graph Template: Jims Best

Mesaverde 60 mcf/d
20 bwpd
TR bwpd