

District I - (505) 394-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (505) 448-1783
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-5178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources Department

Form C-140

Revised 06/99

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Rio Chama Petroleum 462 Lewis St. PO Box 3027 Pagosa Springs, CO							OGRID Number 160560	
Contact Party Craig Creel							Phone 970-264-0170	
Property Name Jicarilla B 156					Well Number 4		API Number 30-039-05167	
UL E	Section 2	Township 23N	Range 02W	Feet From The 1735	North/South Line North	Feet From The 800	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 2/28/2002	Previous Producing Pool(s) (Prior to Workover): Blanco Pictured Cliffs, South
Date Workover Completed: 3/14/2002	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

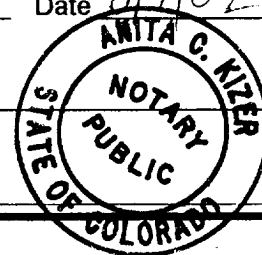
State of Colorado)
) ss.
County of Archuleta)
Jeffrey W. Hudson, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Jeffrey W. Hudson Title Senior Engineer Date 8/7/02
SUBSCRIBED AND SWORN TO before me this 7th day of August, 2002.

Notary Public Anita C. Kizer

My Commission expires: 08/07/05



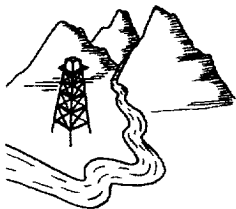
FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 03-14, 2002.

Signature District Supervisor <u>Charlie T. Curran</u>	OCD District <u>AZTEC III</u>	Date <u>08-08-2002</u>
---	----------------------------------	---------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____



Rio Chama Petroleum, Inc.

August 6, 2002

Re: Workover Procedure for Jicarilla 156 B #4

On February 28, 2002 we commenced to clean out the wellbore and re-stimulate the Pictured Cliffs completion in the Jicarilla 156 B #4 well. We finished the completion on March 13, 2002. Attached, please find the graphical illustration of the historical production and a table with historical production from January 2000 through June 2002. Production for the 12 months prior to the stimulation treatment (February 2001 through January 2002) averaged 137 Mscf/month. Post stimulation production for the last 4 months (March 2002 through June 2002) averaged 437 Mscf/month.

Phone: 970-264-0170

P.O. Box 3027
Pagosa Springs, CO 81147

Fax: 970-264-0171

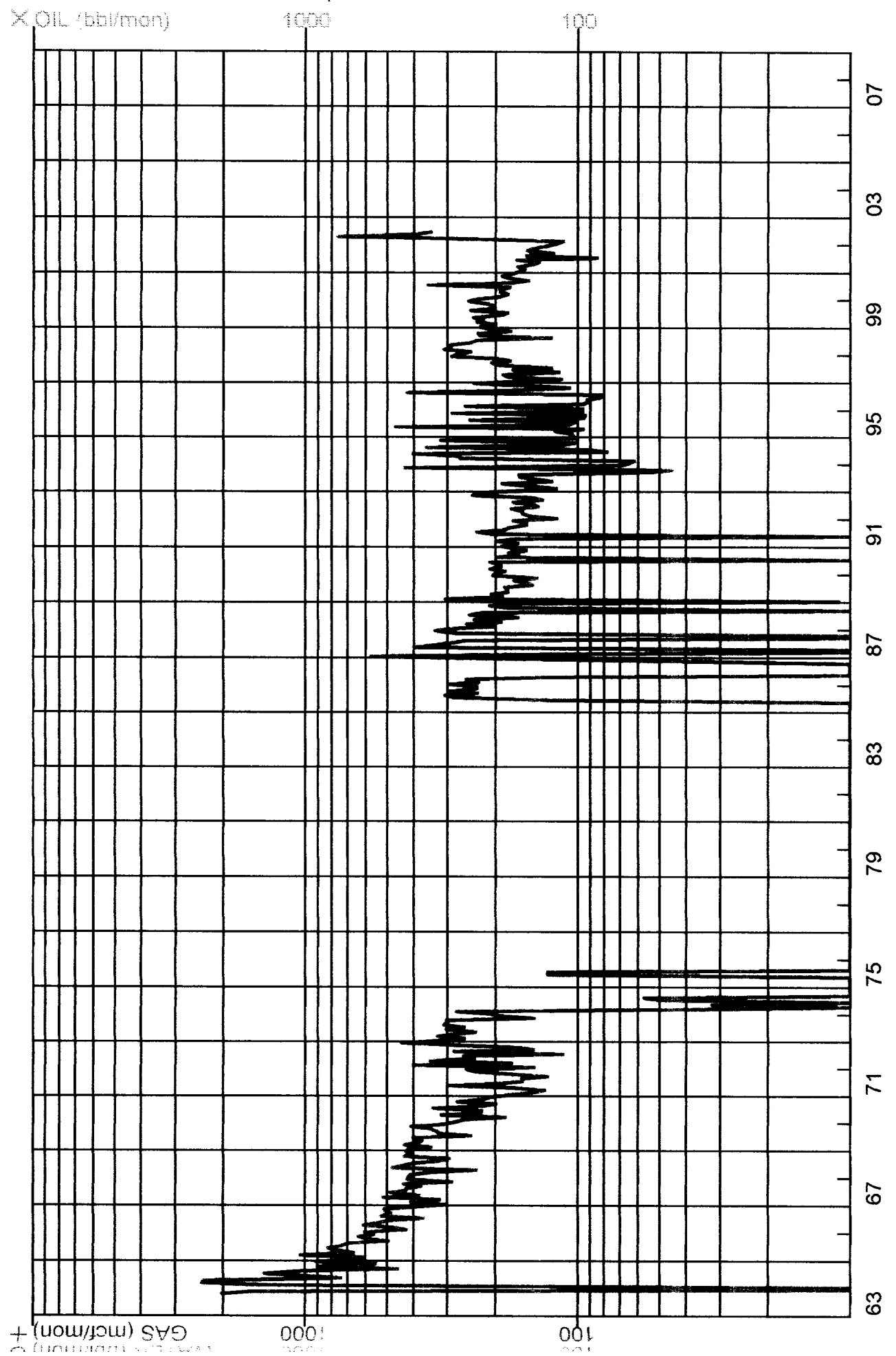
Daily Workover Procedure
Jicarilla 156 B #4

Purpose: Clean out tbg. and csg.

02/28/02	MIRU. Released packer and POOH w/ 86 jt. 1 1/4" tbg.
03/01/02	POOH w/ packer and 10 jt. tbg. Prep to TIH w/ 2 3/8" tbg.
03/04/02	Chg wellhead and TIH w/ 100 jt. 2 3/8" tbg. And mill
03/05/02	RU to swab. Hit obstruction. POOH w/ 17 jts. Replaced 4 jts. and TIH
03/06/02	Start air compressor. Mill plugged. Compressor blew a gasket. Well unloaded. POOH w/ 10 jts. circulated. TIH w/ 10 jts.. Mill 13 to 15 ft and hit steel obstruction. Circulated hole clean. SI well with 100 psi.
03/07/02	Blew well down and treated with 55 gal 28% HCL chased with 125 gal of KCL. Pressured up with compressor to about 200 psi. SI well
03/08/02	SITP 170 psi. Blew well down. RU to swab. Got 500' down hole and SD. Too windy
03/10/02	Pull 2 swab runs and well unloaded +2 bbl of spent acid w/ solids.
03/11/02	Made 4 swab runs and well unloaded. POOH w/ 100 jts 2 3/8" tbg and mill (top of steel fish in hole at 3171' – appears to be 1 1/4" EUE tbg. Collar looking up)
03/12/02	Ran 97 jts. 1 1/4" tbg and packer. Set packer @ 2020'. End of tbg at 3152'. Pump 55 gal 28% HCL chased with 220 gal of KCL. Pressured up with compressor to 180 psi.
03/13/02	Started compressor and attempted to blow well around. No success. Pull 4 jts. of tbg. and tried again. No success. POOH w/ 3 jts. tbg and tried again. Could no blow around. POOH w/ 3 more jts. tbg and tried. Nope. POOH w/ 2 jts. No success. POOH w/ 6 jts and blew well around. TIH w/ 2 jts tbg at a time and clean out hole. 8 joints in back hole.
03/14/02	TIH w/ 10 jts tbg. – 2 to 3 jts at a time and unloaded well. Set packer. Nipple up wellhead.
03/18/02	RDMO

JICARILLA B 156 004 (Mtr# 73662)
RIO ARRIBA,NM
Major Phase: GAS

Rio Chama Petroleum, Inc.
BLANCO P. C. SOUTH (PRORATED G



Proj GAS Cum: 94.57 mmcf
RCP Owned
Proj OIL Cum: 0.00 mbbbl

Monthly Production

(Simple)

Lease : JICARILLA B 156 004 (Mtr# 73662)

Field :BLANCO P. C. SOUTH (PRORAT

Operator : Rio Chama Petroleum, Inc.

Zone :

County, St.:RIO ARRIBA, NM

	Gas (Mscf)	Oil (Bbls)	Water (Bbls)	Well Count	Days On
1/1/2000	233.00	0.00	0.00	0.00	0.00
2/1/2000	194.00	0.00	0.00	0.00	0.00
3/1/2000	180.00	0.00	0.00	0.00	0.00
4/1/2000	192.00	0.00	0.00	0.00	0.00
5/1/2000	193.00	0.00	0.00	0.00	0.00
6/1/2000	177.00	0.00	0.00	0.00	0.00
7/1/2000	354.00	0.00	0.00	0.00	0.00
8/1/2000	177.00	0.00	0.00	0.00	0.00
9/1/2000	151.00	0.00	0.00	0.00	0.00
10/1/2000	177.00	0.00	0.00	0.00	0.00
11/1/2000	189.00	0.00	0.00	0.00	0.00
12/1/2000	172.00	0.00	0.00	0.00	0.00
Annual Total:	2,389.00	0.00	0.00		0.00
1/1/2001	164.00	0.00	0.00	0.00	0.00
2/1/2001	156.00	0.00	0.00	0.00	0.00
3/1/2001	166.00	0.00	0.00	0.00	0.00
4/1/2001	146.00	0.00	0.00	0.00	0.00
5/1/2001	138.00	0.00	0.00	0.00	0.00
6/1/2001	167.00	0.00	0.00	0.00	0.00
7/1/2001	85.00	0.00	0.00	0.00	0.00
8/1/2001	154.00	0.00	0.00	0.00	0.00
9/1/2001	123.00	0.00	0.00	0.00	0.00
10/1/2001	153.00	0.00	0.00	0.00	0.00
11/1/2001	146.00	0.00	0.00	0.00	0.00
12/1/2001	131.00	0.00	0.00	0.00	0.00
Annual Total:	1,729.00	0.00	0.00		0.00
1/1/2002	119.00	0.00	0.00	0.00	0.00
2/1/2002	113.00	0.00	0.00	0.00	0.00
3/1/2002	248.00	0.00	0.00	0.00	0.00
4/1/2002	760.00	0.00	0.00	0.00	0.00
5/1/2002	392.00	0.00	0.00	0.00	0.00
6/1/2002	346.00	0.00	0.00	0.00	0.00
Annual Total:	1,978.00	0.00	0.00		0.00
Lease Total:	6,096.00	0.00	0.00		0.00