

Amoco Exploration and Production

501 WestLake Park Boulevard Houston, Texas 77079 281-366-2000

May 3, 2000

Mr. Frank Chavez New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, NM 87410

MAY 2000
RECEIVED
OIL CON DIV
DIST.

Application for Qualified Well Workover Project
And Certification of Approval
Heaton LS 1A
Unit I Section 28 T29N R11W
Blanco Mesaverde Pool
San Juan County, New Mexico

Enclosed please find amended application Form (C-140A) and attachments for certification approval for the captioned well. Original application was submitted to your office on March 20, 2000, however, the production was reported in error. A copy of the original Form (C-140A) ad attachments are also attached for your reference.

Amoco Production Company offers for your consideration this corrected application and respectfully request your approval to such. Your attention to this matter is greatly appreciated.

Should you have any questions regarding this application, please do not hesitate to call me at 281-366-2548.

Sincerely,

Melissa Velasco - Price Permitting Assistant

Melissa Velasco Ruce

Enclosures

District I - (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street Santa Fe, New Mexico 87505

(505) 827-7131

APPLICATION FOR WELL WORKOVER PROJECT

YOU	Form C-140
891077	Revised 06/99
→ ''⟨ /3\	
★ 'Sty	BMIT ORIGINAL

PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

Amoco Production Company P.O. Box 3092 Houston, TX 77253 Melissa Velasco-Price Properly Name Heaton L.S Ut. Section Township Range 1830' South 1100' East San Juan Workover Date Workover Commenced: March 25 1999 Hill. Attach a description of the Workover Procedures performed to increase production. W. Attach a production decline curve or table showing at least twelve months of production increase. AFFIDAVIT: State of Texas Sustement of Texas Sustement of Texas 1 I am the Operator, or authorized representative of the Operator, of the above-referenced Well. 1 I have made, or caused to be made, a diligent search of the production records reasonably available for this Well. Signature Mulical Amount of March 17 2003 My Commission expires: March 17 2003		Operator and	d Well		<u> </u>	- WOLLINOVE	<u></u>	<u>TOULOT</u>	(E)/200	18	<u> </u>
P.O. Box 3092 Houston, TX 77253 Contact Party Melissa Velasco-Price Property Name Heaton LS UL Section Township Range Feet From The North/South Line Feet From The East Workover Completed: March 25 1999 Date Workover Completed: April 2 1999 III. 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. AFFIDAVIT: State of Texas Signature Melissa Velasco-Price 1	Operator								OGRIBA	CZ WY	
Melissa Velasco-Price Property Name Heaton LS UL Section Township Range 1880' South 1100' East County 1 28 29 R11W 1830' South 1100' East San Juan Workover Date Workover Commenced: March 25 1999 Date Workover Completed: April 2 1999 III. Attach a description of the Workover Procedures performed to increase production. W. 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. March 17. 2083 Melissa Velasco-Price being first duly sworm, 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 Mussa Warsh TO before me this 2 day of May 2000 Notary Public	Amoc P.O. B	o Productio	on Compa	ny						000778	
Northorn North N	Contact I	Party							Phone		
Heaton LS UL Section Township Range 29N R11W 1830' South Line Feet From The 1100' East San Juan Workover 29N R11W 1830' South Line Feet From The 1100' East San Juan Workover Commenced: Previous Producing Pool(s) (Prior to Workover): Blanco MesaVerde Blanco MesaVerde Previous Producing Pool(s) (Prior to Workover): Blanco MesaVerde Blanco MesaVerde April 2 1999 Blanco MesaVerde Attach a description of the Workover Procedures performed to increase production. W. 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. AFFIDAVIT: State of	Meliss	a Velasco-F	Price						281-36	6-2548	
Section Zeas Zeas	Property	Name					Well	Number	API Num	ber	
Workover Workover Commenced: Previous Producing Pool(s) (Prior to Workover): Blanco MesaVerde Previous Producing Pool(s) (Prior to Workover): Previous Producing Pool(s) (Prior t	<u>Heator</u>	ı LS	3/11/		<u> </u>		1A		30-045	-23712	
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Melissa Velasco-Price , 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 May 2 2000 SUBSCRIBED AND SWORN TO before me this 2 day of May , 2000 Notary Public		State of) ss.					Notary Publi My Comn	c, State of Texas
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SUBSCRIBED AND SWORN TO before me this 2 day of May 2000. Relice A. Noth away Notary Public		 I ha To t 	ve made, or the best of r	r caused t ny knowle	o be made, a di edge, this applicand accurate.	ligent search ation and the	of th	e production re	ecords reaso	nably avail	
Rebecca A. Hothaway		\sim	00-11	Mano.	Hua -	D =		C4-66 A : - 4 -	4		M 2 2000
My Commission expires: March 17 2003	Signatu	\sim	soa U	logo	fua Title _	Perm	itting	Staff Assista	nt	Date	May 2 2000
		ire <u>Meli</u>				day of _		May Peleces	nt n A . H		May 2 2000
	SUBSC	ure <u>Melu</u> CRIBED AND	SWORN TO	O before r	me this2	day of _		May Peleces	nt n A. H		May 2 2000

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

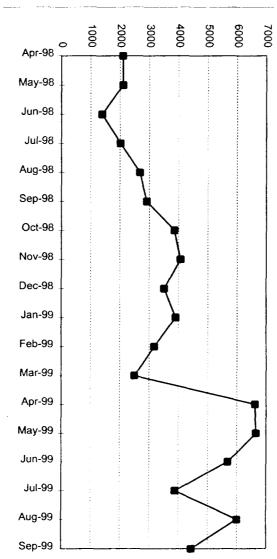
	(
Signature District Supervisor	75.3	OCD District	Date 5/11/00	

Blanco MesaVerde API - 30-045-23712 FLAC #979560-01 LOCATION SEC 28 31N 11W Perf & Frac

PRODUCTION CURVE

Heaton LS 1A

Sep-99	Aug-99	Jul-99	Jun-99	May-99	Apr-99	Mar-99	Feb-99	Jan-99	Dec-98	Nov-98	Oct-98	Sep-98	Aug-98	Jul-98	Jun-98	May-98	Apr-98	PRODUCTION TABLE
4423	5986	3867	5672	6646	6607	2495	3166	3889	3504	4060	3853	2907	2668	2015	1384	2099	2090	ON TABLE
-	f '				,	1000	2000	}	3000	4000		5000	6000		7000			•



D'strict I - (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178

completed on

1000 Rio Brazos Road

Aztec, NM 87410 <u>District IV</u> - (505) 827-7131

New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 2049 South Pacheco Street

Santa Fe, New Mexico 87505 (505) 827-7131 MAR 2000

SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

Form C-140

Revised 06/99

					APPLICATIO WORKOVE			The State of the S	
	Operator and	d Well						<i>y</i>	
Operat	tor name & addre	ss						OGRID Nym	bec
P.O.	co Production Box 3092 ston, TX 772	•	ny					000	0778
	t Party							Phone	
Melis	sa Velasco-l	rice						281-366-2	548
roper	ty Name					We	li Number	API Number	
Heat	on LS	,		·	T	1 A		30-045-23	712
JL	Section	Township	Range	Feet From The	i	Line	Feet From The	East/West Line	County
	28	29N	R11W	1830'	South		1100'	East	San Juan
	Workover								
ate V	Vorkover Comme	nced:		Previous Produ	cina Pool(s) (F	Prior t	o Workover):		
	h 25 1999			Blanco Mes	-		- ,		
	Vorkover Comple	ted:							
\pril	2 1999								
1.	<u> </u>	scription of	the Works	ver Procedures	nerformed t	o inc	rease productio	n	
	AFFIDAVIT: State of County of		exas Harris) ss.				No.	BECCA A. HATHAWAY tary Public, State of Texas My Commission Expires March 17, 2003
		issa Velase n the Opera			-		pon oath states: erator, of the ab	: oove-referenced	Well
		•		•					oly available for this Well.
									on curve and/or table for
			•	nd accurate.				•	
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Signa			jueu.	<u>UUIU</u> Ciffe _	•	mcun	g Staff Assista		
SUB	SCRIBED AND	SWORN T	O before	me this13	day of		March	 ' 	000
						1	wheele	_ A. 140	thaway
						Nota	ry Public		
My C	ommission exp	oires:	M	arch 17 2003			-		
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FOR C /1.	IL CONSERV CERTIFICA								
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	I his Applica	TION IN BOTO			C	al.	n ta dalah ili ki	- 14/-11 14/1 -	a Dania ak amal Alex
	• •						-		r Project and the
	Division her	eby verifies	the data s	hows a positive	production	incre	ase. By copy h	ereof, the Divisi	

Signature District Supervisor E SIED OCD District Date

Blanco MesaVerde Heaton LS 1A

API - 30-045-23712 FLAC #979560-01

LOCATION SEC 28 31N 11W Perf & Frac

PRODUCTION CURVE

ı			7000		0009	2000		4000	3000		2000	1000		8	nu-6-ypt-6	M			
PRODUCTION TABLE	1869	1880	1166	1810	2494	2907	3807	3820	3279	3603	2911	2262	6423	6422	5512	3707	5784	4231	
PRODUCTI	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	99-unf	96-InC	Aug-99	Sep-99	

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86-Inc

Page 1

Page: 1 Document Name: untitled

CMD: ONGARD 04/25/00 17:31:

OG61PRD INQUIRE PRODUCTION BY POOL/WELL

OGOFTC -TP Page No:

OGRID Identifier: 778 AMOCO PRODUCTION CO

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 23712 Report Period - From : 04 1998 To : 12 2000

API Well No		. No	Proper	ty Name	Pre	Prodn.		Produc	Production Volumes			
					MM	/YY	Prod	Gas	Oil	Water St	t	
30	45 2	3712	HEATON	LS	11	98	30	4060	 5		F	
30	45 2	3712	HEATON	LS	12	98	31	3504	1	1	F	
30	45 2	3712	HEATON	LS	01	99	31	3889	15	F	F	
30	45 2	3712	HEATON	LS	02	99	28	3166	8	1	F	
30	45 2	3712	HEATON	LS	03	99	24	2495	7	I	F	
30	45 2	3712	HEATON	LS	04	99	25	6607	5	I	F	
30	45 2	3712	HEATON	LS	05	99	31	6646	15	I	F	

Reporting Period Total (Gas, Oil):

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 04/25/2000 Time: 05:36:38 PM

CMD : **ONGARD** 04/25/00 17:30:

INQUIRE PRODUCTION BY POOL/WELL OG6IPRD

OGOFTC -TP Page No:

OGRID Identifier: 778 AMOCO PRODUCTION CO

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 23712 Report Period - From : 04 1998 To : 12 2000

API	We:	ll No	Prope	rty Name		odn. /YY	Days Prod	Produc Gas	tion Volum Oil	nes We Water St	_
30	45	23712	HEATON	LS	04	98	30	2090	26	 F	7
30	45	23712	HEATON	LS	05	98	31	2099	5	F	3
30	45	23712	HEATON	LS	06	98	30	1384	4	F	7
30	45	23712	HEATON	LS	07	98	29	2015		F	7
30	45	23712	HEATON	LS	80	98	25	2668		F	7
30	45	23712	HEATON	LS	09	98	30	2907	2	F	?
30	45	23712	HEATON	LS	10	98	31	3853	10	F	7

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF02 PF03 EXIT PF04 GoTo PF01 HELP PF05 PF06 CONFIRM

Volumes de not match

PF08 FWD PF07 BKWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 04/25/2000 Time: 05:36:24 PM

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT Alt uquerque Field Office 435 Montano N.E. Albuquerque, New Mexico 87107

Company Rio Chama

Well No. Rocky Mountain Core #1

Location 930' FSL & 1880' FWL Section 24 T 24N, R2W Lease No. NMSF 080715A

BLM Government Contacts

The Bureau of Land Management - Albuquerque Field Office: (505) 761-8700

Assistant Field office Manager: Steve Anderson, (505) 761-8982

Petroleum Engineer: Brian Davis(505) 761-3982, Home (505) 323-8698, Pager (505) 381-0346, Cell (505)

249-7922

Petroleum Engr. Tech: Al Yepa/Cuba (505) 289-3748, and (505) 252-6981

Environmental Contact: Patricia M. Hester (505) 761-8786

GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES

Operations:

These requirements apply generally to all oil and gas operations on Federal and Indian leases. They apply specifically to the above-described well. Special requirements that apply and are effective for this well, if any, are listed below. The failure of the operator to comply with these requirements and the filing of required reports may result in the assessment of liquidated damages or penalties pursuant to 43 CFR 3163.1 or 3163.2.

Notify AI Yepa at the Cuba Field Station prior to spud and prior to plugging the corehole. A BLM Federal Inspector needs to witness the plugging procedure to ensure cement is circulated to the surface, does not drop down and isloates shallow water zones from each other and potential hydrocarbon zones.

Potential water zones occur in the Ojo A amo (2890') Nacimiento (approximately 1500') and San Jose (surface to 1500').