District I - (305) 393-6161 PO Box 1980 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

## New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Form C-140-Originated 11/1/95

> Submit Original Plus 2 Copies to appropriate District Office

## APPLICATION FOR QUALIFICATION OF WELL WORKOVER PROJECT AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I.	Operator:	Amoco Production Company	OGRID #: 000778			
	Address:	P.O. Box 800, Denver, Colorado 80201				
	Contact Party:	Patricia J. Archuleta	Phone: (303) 830-5217			
II.	Location of Wel	Gallegos Canyon Unit #402  : Unit Letter G, 1550 Feet from the North line and 17  IPM, San Juan County.	API #: 3004529037  22 Feet from the East line, Section 36, Township 29N,			
III.		Procedures Commenced: 9/20/96 Procedures were Completed: 9/20/96				
IV.	Attach a descrip	tion of the Workover Procedures undertaken to increase	e the projection from the Well.			
V.	showing month	an an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table ng monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which the future rate of production based on well performance prior to performing Workover.				
VI.	Pool(s) on which	n Production Projection is based:				
	Fruitland Coal		DECEIVED			
VII.	AFFIDAVIT		NOV 2 0 1997			
	State of Colorac	) ) ss.	OIL CON. DIV.			
	County of Den		DIST. 3			
	Patricia J. Arch	uleta, being first duly sworn, upon oath states:				
	1. I am the O	perator or authorized representative of the Operator of t	he above referenced Well.			
	2. I have mad information	ade, or caused to be made, a diligent search of the production records which are reasonably available and contain ion relevant to the production history of this Well.				
		of my knowledge, the data used to prepare the Produce ojection was prepared using sound petroleum engineering	nction Projection for this Well is complete and accurate ng principles.  **Latricia**   Includita** (Name)			
			Staff Assistant (Title)			

SUBSCRIBED AND SWORN TO before m	e this $\frac{78}{2}$ day of $\frac{7}{2}$	Vovember	, 19 <u>97</u>	A. B.	
		Patricia ( Notary Public	Surrely	OTARI.	25.5
My Commission expires: //- \alpha !- \alpha	ì <i>9</i>			OF COL	000
FOR OIL CONSERVATION DIVISION US	SE ONLY:				
VIII. CERTIFICATION OF APPROVAL	<b>L:</b>				
This Application for Qualification as a Well Workover Project pursua Sections 1 through 8). The Oil Project attached to this application Secretary of the Taxation and Revice Completed as of	int to the "Natural Gas a Conservation Division h n. By copy of this App	nd Crude Oil Production dereby verifies the Pro- polication and Certificat	on Incentive Act" duction Projection ion of Approval,	(Laws 1995, Chapter n for the Well Works the Division notifies	15, over the
				35	
		District Supervisor, Oil Conservation Di			
	Date:	2/0/38			
IX. DATE OF NOTIFICATION TO T	HE SECRETARY OF TI	HE TAXATION AND	REVENUE DEPA	RTMENT.	
DATE:					

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## **GALLEGOS CANYON UNIT #402**

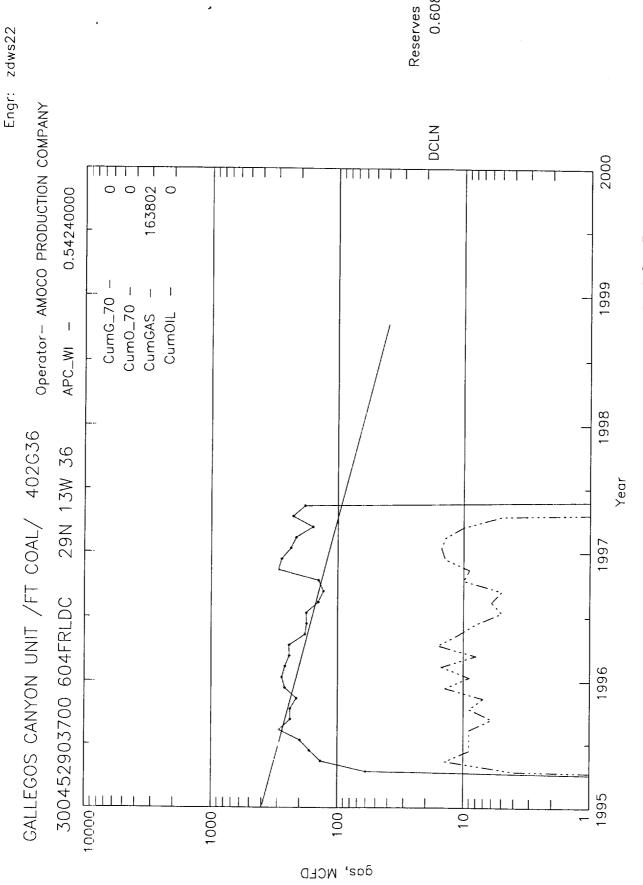
## 30045<del>24625</del>-

THIS WELL HAS BEEN EQUIPPED WITH AMOCO'S ELECTRONIC CONTROL/MONITOR SYSTEM. THE FOLLOWING EQUIPMENT HAS BEEN ADDED AT A COST OF \$ 10,000. PRESSURE TRANSDUCERS, MICRO PROCESSOR, 900 MEGAHERTZ RADIO, SOLAR POWER, ELECTRONIC FLOW, CHOKE CONTROL, VENT CONTROL, TANK AND PIT MONITORING, PLUNGER LIFT CONTROL AND MONITORING, AND COMPRESSOR AND PUMPING UNIT RUNTIME.

THE ADDITION OF THIS EQUIPMENT INCREASES THE CONTROL THAT AMOCO HAS OVER THE OPERATIONS OF THE WELL AND WILL LIKELY SHOW CONTINUAL INCREASES IN PRODUCTION THROUGH THE FOLLOWING ACTIONS.

THE SYSTEM ALLOWS A FIELD TECHNICIAN TO NOT ONLY MONITOR THE OPERATION OF THE WELL, WHILE NOT PHYSICALLY BEING AT THE WELL SITE, BUT TO CHANGE THE OPERATING CRITERIA FOR OPERATION OF THAT WELL TO ENSURE THAT IT IS OPERATING AT MAXIMUM EFFICIENCY. IT ALSO ALLOWS THAT TECHNICIAN TO BRING A WELL WHICH HAS LOGGED OFF BACK ON PRODUCTION MORE RAPIDLY.

OUR BASE PRODUCTION FOR THIS WELL IS 8,489 MCF.



Last Op. Forecast by zmhy01 in 08/1997

WELL DECLINE	TABLE TO SEND TO TULSA TAX GROUP	
WELLNAME	Gallegos Canyon Unit	
WELLNO	#402	
POOL	Fruitlan Coal	
FLAC	88648501	
API	3004529037	
LOCATION	G 36 29N 13W	
MONTH FINALED	11/96	
DECLINE RATE		
Production Months	0.6085	0.6085
- (Begin with the Month following the Month Finaled)	GAS	OIL
	' Prod. MCF/Month	' Prod DDL /se //
12/1996	8489.0	' Prod. BBL/Month
01/1997	8069.3	0.0
02/1997	7670.3	0.0
3/1997	7291.0	0.0
4/1997	6930.5	0.0
5/1997	6587.9	0.0
6/1997	6262.1	0.0
7/1997	5952.5	0.0
8/1997	5658.2	0.0
9/1997	5378.4	0.0
0/1997	5112.5	0.0
1/1997	4859.7	0.0
2/1997	4619.4	0.0
1/1998	4391.0	0.0
2/1998	4173.9	0.0
3/1998	3967.5	0.0
/1998	3771.4	0.0
6/1998	3584.9	0.0
/1998 /1998	3407.6	0.0
/1998 /1998	3239.2	0.0
/1998	3079.0	0.0
/1998	2926.8	0.0
/1998	2782.0	0.0
/1998	2644.5	0.0
/1999	2513.7	0.0
/1999	2389.4	0.0
1999	2271.3	0.0
1999	2159.0	0.0
	2052.3	0.0

WELLNAME	Gallegos Canyon Unit	
WELLNO	#402	
05/1999	1950.8	0.0
06/1999	1854.3	0.0
07/1999	1762.6	0.0
08/1999	1675.5	0.0
09/1999	1592.6	0.0
10/1999	1513.9	0.0
11/1999	1439.0	0.0
12/1999	1367.9	0.0
01/2000	1300.3	0.0
02/2000	1236.0	0.0
03/2000	1174.9	0.0
04/2000	1116.8	0.0
05/2000	1061.5	0.0
06/2000	1009.1	
07/2000	959.2	0.0
08/2000	911.7	0.0
09/2000	866.7	0.0
10/2000	823.8	0.0
11/2000	783.1	0.0
12/2000	703.1	0.0
01/2001	707.6	0.0
02/2001		0.0
03/2001	672.6	0.0
04/2001	639.3	0.0
05/2001	607.7	0.0
	577.7	0.0
06/2001	549.1	0.0
07/2001	521.9	0.0
08/2001	496.1	0.0
09/2001	471.6	0.0
10/2001	448.3	0.0
11/2001	426.1	0.0
12/2001	405.1	0.0
01/2002	385.0	0.0
02/2002	366.0	0.0
03/2002 04/2002	347.9	0.0
	330.7	0.0
05/2002	314.3	0.0
06/2002	298.8	0.0
07/2002	284.0	0.0
08/2002	270.0	0.0
09/2002	256.6	0.0
10/2002	243.9	0.0
11/2002	231.9	0.0
12/2002	220.4	0.0
01/2003	209.5	0.0
02/2003	199.2	0.0
03/2003	189.3	0.0
04/2003	180.0	0.0
05/2003	171.1	0.0

WELLNAME	Gallegos Canyon Unit	
WELLNO	#402	
06/2003	162.6	0.0
07/2003	154.6	0.0
08/2003	146.9	0.0
09/2003	139.7	0.0
10/2003	132.7	0.0
11/2003	126.2	0.0
12/2003	119.9	0.0
01/2004	114.0	0.0
02/2004	108.4	0.0
03/2004	103.0	0.0
04/2004	97.9	0.0
05/2004	93.1	0.0
06/2004	88.5	0.0
07/2004	84.1	0.0
08/2004	79.9	0.0
09/2004	76.0	0.0
10/2004	72.2	0.0
11/2004	68.7	0.0
12/2004	65.3	0.0
01/2005	62.0	0.0
02/2005	59.0	0.0
03/2005	56.1	0.0
04/2005	53.3	0.0
05/2005	50.7	0.0
06/2005	48.1	0.0
07/2005	45.8	0.0
08/2005	43.5	0.0
09/2005	41.4	0.0
10/2005	39.3	0.0
11/2005	37.4	0.0
12/2005	35.5	0.0
01/2006	33.8	0.0
02/2006	32.1	0.0
03/2006	30.5	0.0
04/2006	29.0	0.0
05/2006	27.6	0.0
06/2006	26.2	0.0
07/2006	24.9	0.0
08/2006	23.7	0.0
09/2006	22.5	0.0
10/2006	21.4	0.0
11/2006	20.3	0.0
12/2006	19.3	0.0
1/2007	18.4	0.0
2/2007	17.5	0.0
3/2007	16.6	0.0
04/2007	15.8	0.0
5/2007	15.0	0.0
06/2007		0.0

WELLNAME	Gallegos Canyon Unit	
WELLNO	#402	
07/2007	13.6	0.0
08/2007	12.9	0.0
09/2007	12.2	0.0
10/2007	11.6	0.0
11/2007	11.1	0.0
12/2007	10.5	0.0
01/2008	10.0	0.0
02/2008	9.5	0.0
03/2008	9.0	0.0
04/2008	8.6	0.0
05/2008	8.2	0.0
06/2008	7.8	0.0
07/2008	7.4	
08/2008	7.0	0.0
09/2008	6.7	0.0
10/2008	6.3	0.0
11/2008		0.0
12/2008	6.0	0.0
01/2009	5.7	0.0
02/2009	5.4	0.0
03/2009	5.2	0.0
	4.9	0.0
04/2009 05/2009	4.7	0.0
	4.4	0.0
06/2009	4.2	0.0
07/2009	4.0	0.0
08/2009	3.8	0.0
09/2009	3.6	0.0
10/2009	3.4	0.0
11/2009	3.3	0.0
12/2009	3.1	0.0
01/2010	3.0	0.0
02/2010	2.8	0.0
03/2010	2.7	0.0
04/2010	2.5	0.0
05/2010 06/2010	2.4	0.0
06/2010 07/2010	2.3	0.0
08/2010	2.2	0.0
	2.1	0.0
09/2010	2.0	0.0
10/2010	1.9	0.0
11/2010	1.8	0.0
12/2010	1.7	0.0
01/2011	1.6	0.0
02/2011	1.5	0.0
03/2011	1.5	0.0
04/2011	1.4	0.0
05/2011	1.3	0.0
06/2011	1.3	0.0
07/2011	1.2	0.0

WELLNAME	Gallegos Canyon Unit	
WELLNO	#402	
08/2011	1.1	0.0
09/2011	1.1	0.0
10/2011	1.0	0.0
11/2011	1.0	0.0