

DATE <b>3/6/03</b>	SUSPENSE <b>NA</b>	ENGINEER <b>DRC</b>	LOGGED IN <b>KV</b>	TYPE <b>DHC</b>	APPROVAL <b>PKRY0306632543</b>
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



3/19

### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

**[NSL-Non-Standard Location]** **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling]** **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling]** **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion]** **[PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal]** **[IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification]** **[PPR-Positive Production Response]**

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

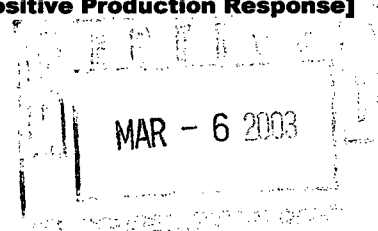
[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_



#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Roy L. Wheeler, Jr.  
 Print or Type Name  
 Form C-107A  
 Amerada Hess Corporation  
 M. J. Raley "A" Well  
 API No. 30-025-07781

*Roy L. Wheeler, Jr.*  
 Signature

Specialist - Field Admin.  
 Title  
 March 4, 2003  
 Date  
 rwheeler@hess.com  
 e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Amerada Hess Corporation

P. O. Box 840, Seminole, Texas 79360

Operator Address  
M. J. Raley "A" 1 Unit A, Sec. 18, T20S, R38E Lea  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 000495 Property Code 00124 API No. 30-025-07781 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<i>Und.</i> Nadine; Paddock-Blinebry, West		Skaggs; Abo, East
Pool Code	47400		56630
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5951' - 6336'		7118' - 7130'
Method of Production (Flowing or Artificial Lift)	Flowing		
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.5		37
Producing, Shut-In or New Zone	Producing		Shut-In
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 12/30/2002 Rates: 28 B.O./D., 208 MCFGPD & 79 B.W./D.	Date: Rates:	Date: 05/20/2002 Rates: 1 B.O./D., 94 MCFGPD & 3 B.W./D.
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 97 % 69 %	Oil Gas % %	Oil Gas 3 % 31 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐  
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐  
Will commingling decrease the value of production? Yes ☐ No ☒  
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☐ No ☐  
NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

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

SIGNATURE *Roy L. Wheeler, Jr.* TITLE Specialist - Field Admin. DATE March 4, 2003  
TYPE OR PRINT NAME Roy L. Wheeler, Jr. TELEPHONE NO. (915) 759-6778

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## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-07781</b>	<sup>2</sup> Pool Code <b>47400</b>	<sup>3</sup> Pool Name <b>Nadine; Paddock-Blinbry, West</b>
<sup>4</sup> Property Code <b>00124</b>	<sup>5</sup> Property Name <b>M. J. Raley "A"</b>	
<sup>7</sup> OGRID No. <b>000495</b>	<sup>8</sup> Operator Name <b>Amerada Hess Corporation</b>	
		<sup>6</sup> Well Number <b>1</b>
		<sup>9</sup> Elevation <b>3561' GL</b>

<sup>10</sup> Surface Location

UL or lot no. <b>A</b>	Section <b>18</b>	Township <b>20S</b>	Range <b>38E</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>North</b>	Feet from the <b>660</b>	East/West line <b>East</b>	County <b>Lea</b>
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<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 <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.					

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

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Roy L. Wheeler, Jr. Printed Name Specialist, Field Admin. Title March 4, 2003 Date			
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.			
	Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			

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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 15, 2000  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-025-07781</b>	<sup>2</sup> Pool Code <b>56630</b>	<sup>3</sup> Pool Name <b>Skaggs; Abo, East</b>
<sup>4</sup> Property Code <b>00124</b>	<sup>5</sup> Property Name <b>M. J. Raley "A"</b>	
<sup>7</sup> OGRID No. <b>000495</b>	<sup>8</sup> Operator Name <b>Amerada Hess Corporation</b>	
		<sup>6</sup> Well Number <b>1</b>
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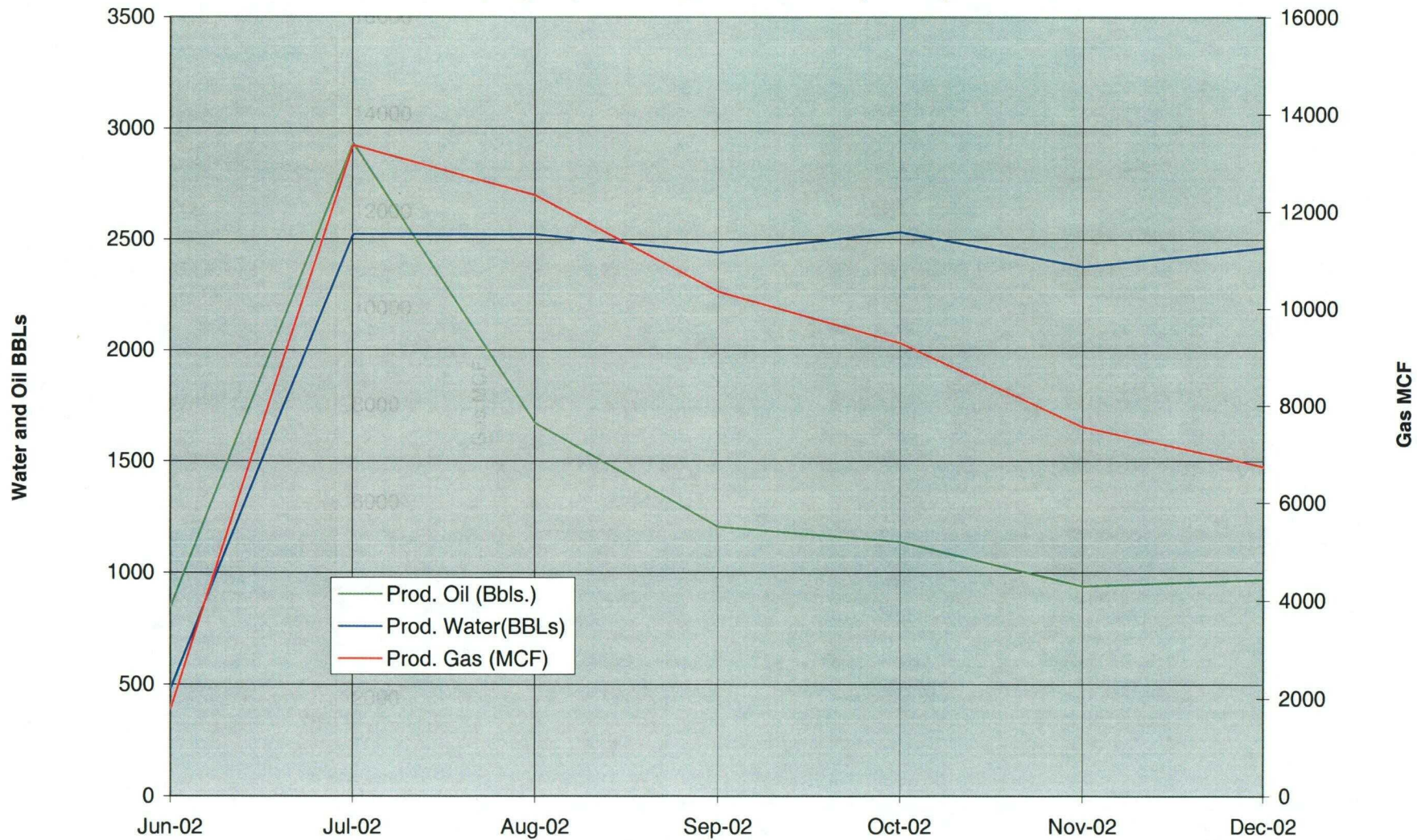
**<sup>11</sup> Bottom Hole Location If Different From Surface**

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<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.					

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

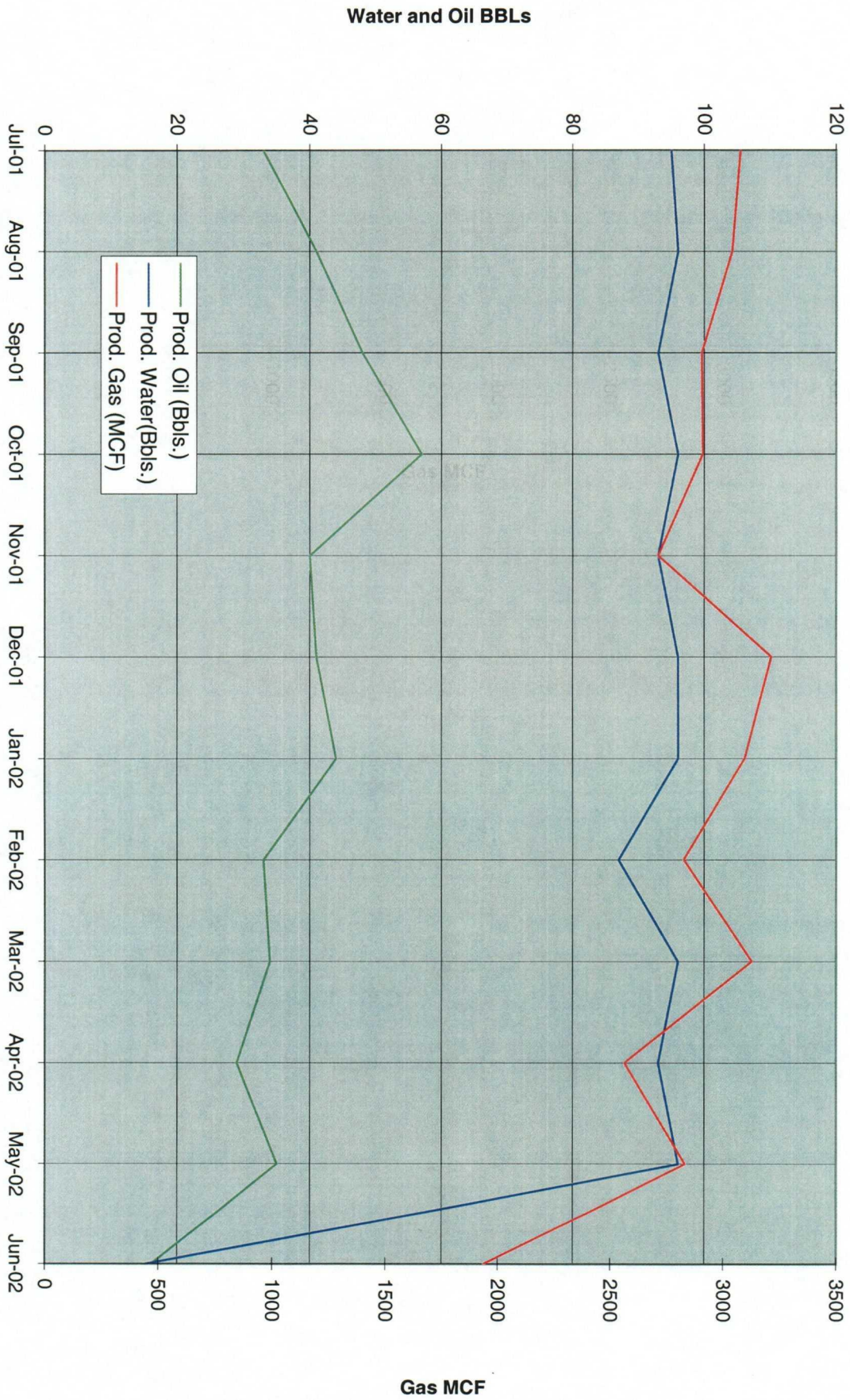
<sup>16</sup>					<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
					Signature 
					Roy L. Wheeler, Jr. Printed Name Specialist, Field Admin.
					Title March 4, 2003 Date
					<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>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.</i>
					Date of Survey
					Signature and Seal of Professional Surveyor:
					Certificate Number

**Amerada Hess Corporation**  
**M.J. Raley A#1 Blinebry Production**  
**(Began producing from Blinebry 06/02)**





**Amerada Hess Corporation**  
**M.J. Raley A#1 Abo Production**



**Reporting for Cost Center: S00012-Monument Area**

**Report Name: Prod Volumes - Begin Date : 07/01/2001 - End Date : 12/31/2002**

**Attributes : Well Completion, Sum By : Well Completion**

Well Completion	W/C Name	Prod. Date	Prod. Oil (Bbls.)	Prod. Gas (MCF)	Prod. Water (BBLs)
158302	RALEY, MARY J 'A' #1-2(ABO)	07/31/2001	33	3076	95
158302	RALEY, MARY J 'A' #1-2(ABO)	08/31/2001	41	3040	96
158302	RALEY, MARY J 'A' #1-2(ABO)	09/30/2001	48	2905	93
158302	RALEY, MARY J 'A' #1-2(ABO)	10/31/2001	57	2910	96
158302	RALEY, MARY J 'A' #1-2(ABO)	11/30/2001	40	2713	93
158302	RALEY, MARY J 'A' #1-2(ABO)	12/31/2001	41	3213	96
158302	RALEY, MARY J 'A' #1-2(ABO)	01/31/2002	44	3096	96
158302	RALEY, MARY J 'A' #1-2(ABO)	02/28/2002	33	2826	87
158302	RALEY, MARY J 'A' #1-2(ABO)	03/31/2002	34	3127	96
158302	RALEY, MARY J 'A' #1-2(ABO)	04/30/2002	29	2564	93
158302	RALEY, MARY J 'A' #1-2(ABO)	05/31/2002	35	2831	96
158302	RALEY, MARY J 'A' #1-2(ABO)	06/30/2002	16	1937	15
158302	RALEY, MARY J 'A' #1-2(ABO)	07/31/2002	0	0	0
158302	RALEY, MARY J 'A' #1-2(ABO)	08/31/2002	0	0	0
158302	RALEY, MARY J 'A' #1-2(ABO)	09/30/2002	0	0	0
158302	RALEY, MARY J 'A' #1-2(ABO)	10/31/2002	0	0	0
158302	RALEY, MARY J 'A' #1-2(ABO)	11/30/2002	0	0	0
158302	RALEY, MARY J 'A' #1-2(ABO)	12/31/2002	0	0	0
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	06/30/2002	848	1788	484
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	07/31/2002	2932	13368	2523
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	08/31/2002	1671	12340	2523
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	09/30/2002	1204	10349	2441
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	10/31/2002	1136	9289	2533
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	11/30/2002	939	7559	2377
158303	RALEY, MARY J 'A' #1-3(BLINEBRY)	12/31/2002	968	6739	2462

Well was recompleted in Blinebry during June, 2002.