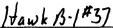
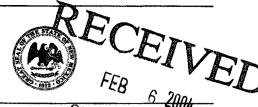
ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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





17awi	(13-1-7)	1-9-215-3/E	6 200
		ADMINISTRATIVE APPLICATION CHECKLIS	Consen
THI	S CHECKLIST IS	ADMINISTRATIVE APPLICATION CHECKLIS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RUL WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE ms: tandard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous]	Es AND REFULATION DISSION Fe, NO. 12 Driv.
Applica	tion Acrony	ms:	87505
	•	tandard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous in www.nole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Co	
	_	Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measur	U U
		[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion	J
	IEOR-Q	[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] ualified Enhanced Oil Recovery Certification] [PPR-Positive Production	Resnonsel
	_		
[1]		APPLICATION - Check Those Which Apply for [A]	
	[A]	Location - Spacing Unit - Simultaneous Dedication NSL NSP SD	
		eck 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	
	נוטו	Other: Specify	•
,	[D]	Other: Specify	
[2]	NOTIFICA	ATION REQUIRED TO: - Check Those Which Apply, or Does Not Appl	y)
	[A]	Working, Royalty or Overriding Royalty Interest Owners	
	[B]	Offset Operators, Leaseholders or Surface Owner	
	[12]	Consect Operators, Deadson on 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	i, and/or,
	[F]	Waivers are Attached (See application)	
[3]		CCURATE AND COMPLETE INFORMATION REQUIRED TO PRO	CESS THE TYPE
	OF APPLI	CATION INDICATED ABOVE.	
[4]	CERTIFIC	ATION: I hereby certify that the information submitted with this application	ı for administrative
approva	il is accurat e	e and complete to the best of my knowledge. I also understand that no action	
applicat	tion until the	required information and notifications are submitted to the Division.	_
	No	ote: Statement must be completed by an individual with managerial and/or supervisory ca	
James	Bruce	Attorney for Appl	icant 46/04
Print or	Type Name	\$ignature Title	Date
		jamesbruc@aol.com	
		James Da Boltant Boar	

e-mail Address

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 SANTA FE, NEW MEXICO 87501

(505) 982-2043 (PHONE) (505) 660-6612 (CELL) (505) 982-2151 (FAX)

jamesbruc@aol.com

RECEIVED

FEB 6 2004

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

fletheset these Apoche una This dox (orakans are similar and close to each other.

Jun

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 SANTA FE, NEW MEXICO 87501

(505) 982-2043 (PHONE) (505) 660-6612 (CELL) (505) 982-2151 (FAX)

jamesbruc@aol.com

February 6, 2005

Hand Delivered

Michael E. Stogner Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Apache Corporation applies for administrative approval of an unorthodox oil well location for the following well:

Well: Hawk B-1 Well No. 37

Location: 2590 feet FSL & 1310 feet FEL

Well Unit: NEWSEW of Section 9, Township 21 South, Range

37 East, N.M.P.M., Lea County, New Mexico

The well will be drilled to test the Grayburg formation (Penrose Skelly (Grayburg) Pool), which is an oil pool spaced on 40 acres. (Under Commission Order R-98-B, there is no limiting gas:oil ratio in the pool.)

The NE½SE½ of Section 9 will be simultaneously dedicated to the proposed well and to the existing Hawk B-1 Well No. 30, and applicant requests approval of the simultaneous dedication.

The application is based on geologic and engineering reasons. A complete discussion, with appropriate exhibits, is attached as Exhibit A. The proposed well will be located in the approximate center of four existing Grayburg wells. Based on drainage calculations and the low permeability of the reservoir, applicant believes that drilling the infill well will recover reserves which will not be recovered by the existing Grayburg wells.

Attached as Exhibit B is a land plat, highlighting the proposed well's location. The N%SE% of Section 9 is covered by U.S. Lease NM 90161, and the NE% of Section 9 is covered by Apache

Corporation's "Southland Royalty" fee lease. The operating rights owners in the leases are as follows:

<u>U.S. Lease NM 90161</u>

Southland Royalty Lease Apache Corporation

Apache Corporation Chevron Texaco Inc.

BP America Production Company

To allocate well costs and production equitably between the two leases, the operating rights owners have entered into a Cooperative Well Agreement, submitted as Exhibit C. Production and costs are being allocated to the two leases based on hydrocarbon pore volume and an estimated 18 acre drainage area for the proposed well. The Bureau of Land Management has approved the agreement. As a result, notice of this application need not be given to any offset.

Please call me if you need any further information on this matter.

Very truly yours,

James Bruce

Attorney for Apache Corporation

February 6, 2005

Hand Delivered

Michael E. Stogner Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Apache Corporation applies for administrative approval of an unorthodox oil well location for the following well:

Well: Hawk B-1 Well No. 37

Location: 2590 feet FSL & 1310 feet FEL

Well Unit: NE%SE% of Section 9, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico

The well will be drilled to test the Grayburg formation (Penrose Skelly (Grayburg) Pool), which is an oil pool spaced on 40 acres. (Under Commission Order R-98-B, there is no limiting gas:oil ratio in the pool.)

The NW¼SW¼ of Section 9 will be simultaneously dedicated to the proposed well and to the existing Hawk B-1 Well No. 30, and applicant requests approval of the simultaneous dedication.

The application is based on geologic and engineering reasons. A complete discussion, with appropriate exhibits, is attached as Exhibit A. The proposed well will be located in the approximate center of four existing Grayburg wells. Based on drainage calculations and the low permeability of the reservoir, applicant believes that drilling the infill well will recover reserves which will not be recovered by the existing Grayburg wells.

Attached as Exhibit B is a land plat, highlighting the proposed well's location. The N½SE¼ of Section 9 is covered by U.S. Lease NM 90161, and the NE¼ of Section 9 is covered by Apache

Application of Apache Corporation for administrative approval of an unorthodox well location:

40 acres – 2590' FSL & 1310' FEL Section 9, Township 21 South, Range 37 East, NMPM Lea County, New Mexico

PRIMARY OBJECTIVE: GRAYBURG

In support:

- Apache Corporation (Apache) is the operator of the proposed Hawk B-1 #37 well (Exhibit 1). The proposed total depth is 4150' in the San Andres formation.
- 2. The location is in the Penrose Skelly; Grayburg Oil Pool and encroaches toward the following wells (**Exhibit 2**).

OPER	WELL	LOC	RESERVOIR	CUM	DAILY
				O/G/W	O/G/W
Apache	So Roy A #10	09-G	Grayburg	16/84/40	12/88/26
Apache	So Roy A #12	09-H	Grayburg	5/24/25	5/26/39
Apache	Hawk B-1 #30	09-1	Grayburg	8/30/26	24/75/42
Apache	Hawk B-1 #25	09-J	Grayburg	16/113/19	29/249/24

Oil in MBO BOPD
Gas in MMCFG MCFGPD
Water in MBW BWPD

3. The proposed unorthodox **Hawk B-1 #37** Grayburg location of 2590' from south line and 1310' from east line is based on drainage considerations:

a) Grayburg Reservoir

The Grayburg is a series of alternating subtidal and supratidal dolomites, with the subtidal rock having porosity and hydrocarbons and the supratidal rock being tight. The Grayburg environments varied rapidly so that porous and tight intervals do not necessarily correlate well-to-well. Tight dolomite and/or anhydrite intervals within the Grayburg create vertical hydraulic barriers between different zones of porosity. Average porosity of the Grayburg is less than 10%, and average permeability is less than 1 millidarcy. Grayburg wells are thus not usually capable of draining the 40 Acre spacing unit.



The reservoir was analyzed by mapping Hydrocarbon Pore Volume (HCPV) (Exhibit 3). HCPV is the product of feet of pay (h) times average porosity (PhiA) times oil saturation (So). The map is the arithmetic product of grids interpreted from those values. The values were obtained as follows:

- Net Pay was read either from modern neutron-density logs or estimated from a map developed from gross pay (clean dolomite) times net to gross ratio.
- 2. Average Porosity was calculated from modern well logs using a minimum of 6% crossplot porosity and a maximum of 20%.
- 3. Oil Saturation was calculated from a fractional flow curve using recent water cut values.

The following table provides drainage areas calculated from the HCPV map and reserves of the offsetting wells.

OPER	WELL	LOC	AREA A	EUR MBO	EUR MMCFG
Apache	So Roy A #10	09-G	23	32	540
Apache	So Roy A #12	09-H	7	6	50
Apache	Hawk B-1 #30	09-I	11	24	150
Apache	Hawk B-1 #25	09-J	31	95	920

Reserves for the proposed location were calculated by planimetering the undrained area of the HCPV isopach which lies under a drainage circle (the size of which is the average of the direct offset drainage areas) centered on the proposed location. Any competitive drainage is shared between the proposed well and the existing offset wells. The results are as follows:

WELL	LOC	HCPV	AREA A	EUR MBO	EUR MMCFG
Hawk B-1 #37	09-1	2.01	18	33	396

4. Notice

a. Apache is the operator of the Grayburg wells toward which the proposed well will encroach. All of the working interest owners in those wells have been notified, being:

> 1. Chevron/Texaco 15 Smith Road Midland, Texas Attn: Mr. James Baca

2. BP America Production Co 501 Westlake Park Blvd WL1- Room 6.199 Houston, Texas 77079 Attn: Mr. Tony Webb

5. Approval of this application will afford the interest owners in this spacing unit an opportunity to recover oil and gas which would not otherwise be recovered. Correlative rights of the offsetting units will be protected by a sharing agreement set forth in a letter agreement.

JISTRICT I P.O. Box 1960, Hobbs, NM 86241-1960 State of New Mexico

gy, Minerals and Natural Resources Departs

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-8713

OIL CONSERVATION DIVISION P.O. Box 2088

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Axtec, NM 87410 Santa Fe, New Mexico 87504-2088

DISTRICT IV P.O. BOX 2008, SANTA FE, N.M. 87604-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name		
			. :		,
Property Code			perty Name K B-1		Well Number 37
OGRID No.			rator Name		ELEVATION 3474

Surface Location

ij	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lines	County	
-	1	9	21-S	37-E		2590'	SOUTH	1310	EAST	LEA	

Bottom Hole Location If Different From Surface

I	UL or lot No.	Section	Township	Range Lo	t Idn	Feet from the	North/South line	Feet from the	East/West line	County
	• • •						<i>.</i>	,		
	Dedicated Acres	Joint o	r Infill Co	onsolidation Code	Or	der No.				
1										

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE	2 DIAISION
	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Signature
	Printed Name
3474.6'3469.0'	Date SURVEYOR CERTIFICATION
GEODETIC COORDINATES NAD 27 NME Y = 545100.0 N X = 860784.8 E LAT. 32'29'35.34"N	I hereby certify that the well location shown on this plat was plotted from field naise of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
LONG. 103'09'47.59"W	August 06, 2003 Data Surveyadunun A.W.B. Signatura D Shall Arthur Programmat Stirreyor MEX
	Contribute No. BONALD AMBON 3239



JISTRICT I

State of New Mexico

Energy, Minerals and Natural Resources Department

Submit to Appropriate District Office

DISTRICT II P.O. Drawer DD, Artesia, NM 58211-0719

OIL CONSERVATION DIVISION P.O. Box 2088

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III

DISTRICT IV

1000 Rio Brazos Rd., Astec, NM 87410

Santa Fe, New Mexico 87504-2088

P.O. BOX 2088, SANTA FE, N.M. 8750	14-2088 WE	LL LOCATION	AND ACREAGE	DEDICATION	PLAT	AMENDED REPORT
API Number		Pool Code			Pool Name	
Property Code			Property Name HAWK B-1	•		Well Number 37
OGRID No.		APAC	Operator Name CHE CORPORATI	ION		elevation 3474

Surface Location

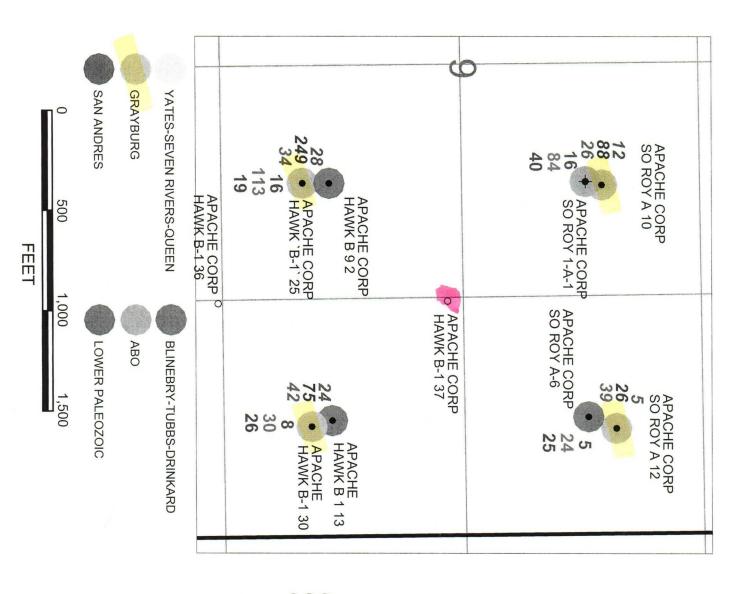
-	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Ecct from the	East/West line	County
	1	9	21-S	37-E		2590'	SOUTH	1310'	EAST	LEA

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
. *									
Dedicated Acres	Joint o	or Infill C	onsolidation (Code Or	der No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OPERATOR CERTIFICATS I hereby certify the the info contained herein is true and complet best of my knowledge and ballaf.	ormation
APACHE-SOUTHLAND ROYALTY #1	APACHE-SOUTHLAND ROYALTY #6	
265.6	Printed Name Title	
SISA	Date SURVEYOR CERTIFICAT: I hereby certify that the well locate.	
HAWK B−1 #2 ♥	on this plat was platted from field actual surveys made by me or supervison and that the same is correct to the best of my baltaf.	notes of under my true and
	August 06, 2003 Date Surveyed Signature & Seal of Professional Surveyor	A.W.B.
	03.11.0845	·
	Certificate No. EONALD J. EIDS GARY EIDSON	ON 3239 12641



WELL SYMBOLS

- Location Only
- Oil Well

A Gas Well

- → Dry

POSTED WELL DATA

CURRENT BOPD
CURRENT MCFD
CURRENT BWPD MBO

OPERATOR WELL LABEI

MBW MMCFG



TWO WARREN PLACE, SUITE 1500 6120 SOUTH YALE TULSA, OKLAHOMA 74136-4224

HAWK B-1 #3

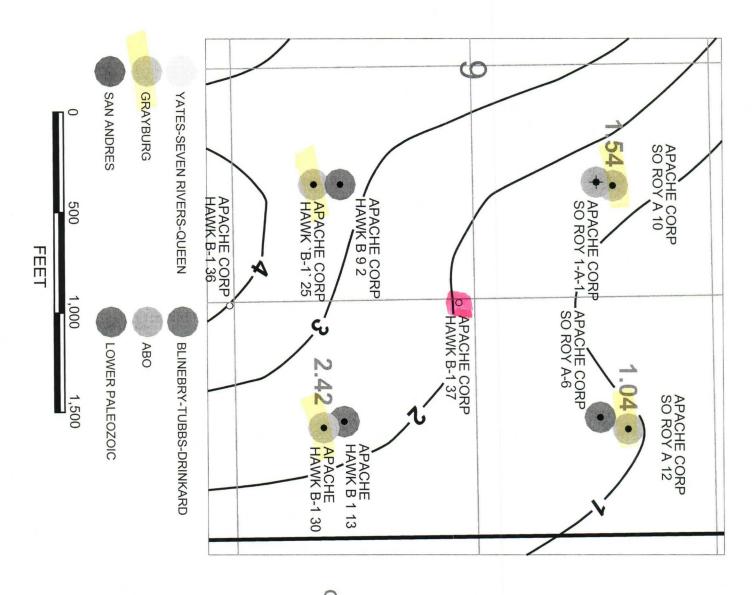
LEA COUNTY, NEW MEXICO SEC 9-T215-R37E

EXHIBIT

WELL INFORMATION

DWG:PROD (CURTIS\OCD-NM\2004 GRYBRG)

DATE: 10-8-03



WELL SYMBOLS

- Location Only
- Oil Well
- Gas Well Dry

POSTED WELL DATA

GRAYBURG HCPV

OPERATOR WELL LABEL







TWO WARREN PLACE, SUITE 1500 6120 SOUTH YALE TULSA, OKLAHOMA 74136-4224

HAWK B-1 #3

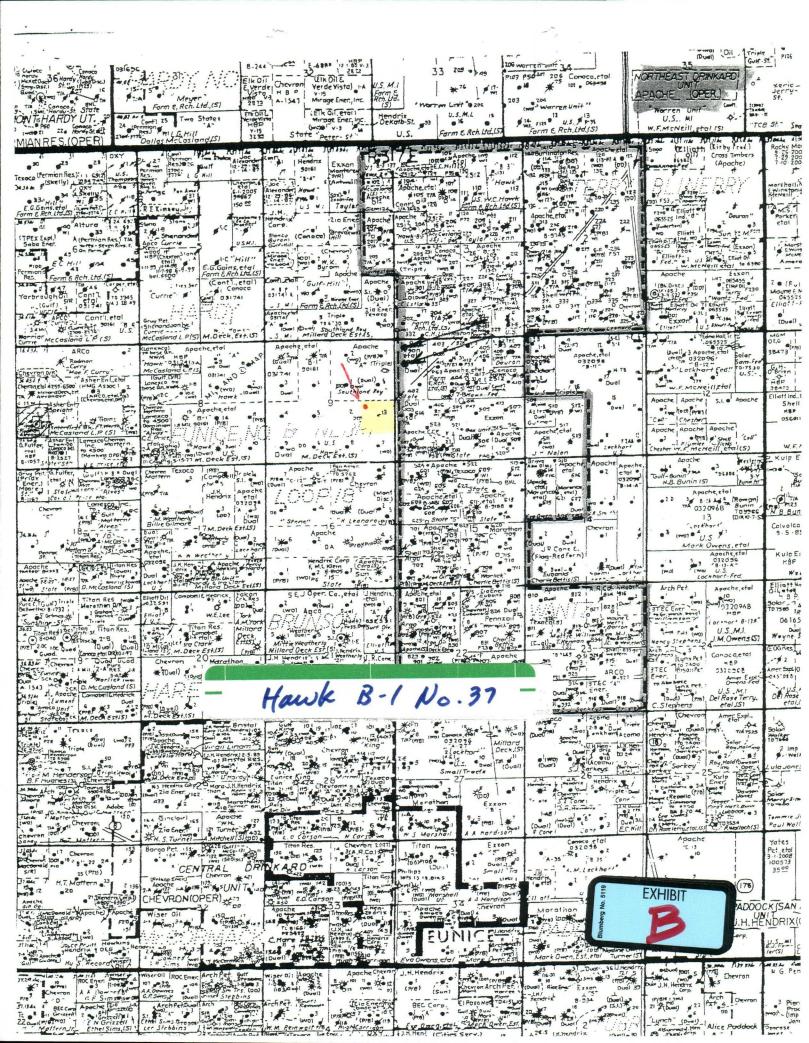
SEC 9-T21S-R37E LEA COUNTY, NEW MEXICO

EXHIBIT 3

GRAYBURG HCPV

DWG:PROD (CURTIS\OCD-NM\2004 GRYBRG)

DATE: 10-8-03





United States Department of the Interior

BUREAU OF LAND MANAGEMENT **Roswell Field Office** 2909 West Second Street Roswell, New Mexico 88201-2019



In reply refer to: NMNM111013 3105.1 (06300)

JAN 1 8 2004

Re: Cooperative Well Agreement Hawk B-1 #37 Well Sec.9 – 21S-37E NMPM Lea County, New Mexico

RECEIVED JAN 2 0 2004 TULSA LAND DEPT.

Apache Corporation Attn: Cindy McGee Two Warren Place - Suite 1500 6120 South Yale Tulsa, OK 74136-4224

Dear Ms. McGee:

Enclosed is an approved copy of the Cooperative Well Agreement for the Hawk B-1 #37 well located 2590' FSL & 1310' FEL, Sec. 9, T. 21 S., R. 37 E., Lea County, NM. The Cooperative Well Agreement has been assigned contract No. NMNM111013.

Production and royalties from the referenced well shall be allocated and reported to the Minerals Management Service (MMS) as following:

Lease NMNM 90161

64.32%

Fee Lease

35.68%

Please furnish all interested principals with appropriate evidence of this approval.

If you have any questions please call Mary Lou Ormseth at (505) 627-0258 or Armando Lopez at (505) 627-0248.

Sincerely Yours,

Larry D. Bray

Assistant Field Manager,

Lands and Minerals

Jamy D. Bray

Enclosure:

1 - Cooperative Well Agreement



COOPERATIVE WELL AGREEMENT NINN 111013 (for the Hawk B-1 #37 Well)

This Cooperative Well Agreement ("Agreement"), is entered into and is effective as of the 1st day of December, 2003, between BP AMERICA PRODUCTION COMPANY, whose address is 501 Westlake Park Blvd., Houston, TX 77079 ("BP"), CHEVRON U.S.A. INC., whose address is 15 Smith Road, Midland TX 79705 ("Chevron") and APACHE CORPORATION, whose address is Two Warren Place, Suite 1500, 6120 South Yale Avenue, Tulsa, Oklahoma 74136 ("Apache"). BP, Chevron, and Apache are sometimes hereafter referred to individually as "Party" and collectively as "Parties".

WITNESSETH:

WHEREAS, Apache is Operator of the following oil and gas leases in Lea County, New Mexico (hereinafter sometimes collectively referred to as the "Properties"):

Hawk B-1 Lease -

Lessor:

The United States of America NM 90161

Lessee:

Estate of Wilbur C. Hawk

March 1, 1958 Date:

Description: Insofar and only insofar as same covers the following-described

land in Lea County, New Mexico:

Township 21 South, Range 37 East, N.M.P.M.

Section 9: N/2SE/4

Southland Royalty "A" Lease -2.

Lessor:

Southland Royalty Company, et al

Lessee:

Stanolind Oil & Gas CO.

Date:

September 22, 1942

Description: Insofar and only insofar as same covers the following-described

land in Lea County, New Mexico:

Township 21 South, Range 37 East, N.M.P.M.

Section 9: S/2NE/4

WHEREAS, Apache has 100% of the operating rights in and to the Southland Royalty "A" Lease; and

WHEREAS, the Parties each own undivided operating rights in and to the Hawk B-1 Lease; and

WHEREAS, the Parties desire to drill and complete the Hawk B-1 #37 Well ("Cooperative Well") for the production of oil, gas and related hydrocarbons at a non-standard location encroaching on the lease line between S/2NE/4 and N/2SE/4 of Section 9 as described below; and

WHEREAS, the Parties desire to provide for the sharing of production from and the costs of drilling, completing and operating said Hawk B-1 #37 Well as described hereinbelow.

NOW THEREFORE, the Parties hereby agree as follows:

1. **DESIGNATION AND RESPONSIBILITIES OF OPERATOR**

- Apache is designated as operator ("Operator") of the Hawk B-1 #37 Well for the purposes of this Agreement.
- Operator shall drill, complete and operate the Cooperative Well for oil and/or gas production from horizons encountered from the surface of the earth down to and including the base of the Grayburg Formation as follows:

Hawk B-1 #37 Well:

SURFACE LOCATION: Lea County, New Mexico, Planned Total Depth: 2,590' FSL & 1,310' FEL, Sec. 9, T21S-R37E,

4,150 feet, but in no event below the base of The Grayburg Formation plus one hundred (100) feet for operational purposes only.

Except as otherwise provided in this Agreement, the Parties agree that all operations, and the rights and obligations of the Parties, with respect to the Cooperative Well shall be governed by the terms and conditions of that certain NMFU Operating Agreement dated September 1, 1989, as amended to date (hereinafter referred to as the "NMFU Operating Agreement"). Solely for purposes of drilling and operating the Hawk B-1 #37 Well, Exhibit A-1 to the NMFU Operating Agreement is amended to cover the Hawk B-1 #37 Well as provided herein. As between the Parties there is and shall be no cross-assignment or other transfer to title to any interests of the Parties in the Properties as a result of this Agreement. This Agreement is merely a contractual arrangement among the Parties to drill, equip, test, operate and produce the Cooperative Well. BP and Chevron shall, at their sole cost and risk, have access to the Cooperative Well location at all reasonable times to inspect or observe operations and to information pertaining to the development and operation of the Cooperative Well. BP and Chevron shall also have the right to audit Operator's books and records relating thereto in accordance with the applicable provisions of Exhibit "C" - Accounting Procedure, attached to the NMFU Operating Agreement. Operator, upon request, shall furnish BP and Chevron copies of all forms or reports filed with governmental agencies, well logs, tank tables, daily gauge and run tickets and reports of stock on hand at the first of each month, and shall make available to BP and Chevron samples of any cores or cuttings taken from the Cooperative Well. The cost of gathering and furnishing information to BP and Chevron, other than that specified above, shall be charged to BP and Chevron.

C. Operator shall establish and maintain a Joint Account for the performance hereof, and shall advance all costs incurred in connection with operating the Cooperative Well and shall charge the Joint Account for all such costs on the basis provided in Exhibit "C" - Accounting Procedure, NMFU Operating Agreement. All charges and credits to the Joint Account for the Cooperative Well shall be borne, and production there from will be shared, including but not limited to charges, credits and production associated with recompletions of the Cooperative Well to horizons shallower than the Grayburg formation, by the below named Parties in the percentage shown opposite their name as follows:

Apache:	 		 67.8400%
BP	 		 16.0800%
Charmon	the state of the s	•••••	16.0800%

All other operations conducted or wells drilled on the lands described above not related to the Cooperative Well, will not be affected by this Agreement.

If any provision of Exhibit "C" - Accounting Procedure is inconsistent with any provision in this Agreement, the provisions of this Agreement shall prevail.

2. TERM OF AGREEMENT

This Agreement shall remain in full force and effect so long as such Cooperative Well continues to produce oil or gas or both, and for an additional period of ninety (90) days from cessation of all production; provided, however, if, prior to the expiration of such additional period, the Parties are engaged in drilling or reworking operations to restore production from the Cooperative Well hereunder, this Agreement shall continue in force until such operations have been completed, with no cessation of more than sixty (60) consecutive days, and if production results there from, this Agreement shall continue in force as provided herein. Upon cessation of the production of oil or gas or both, Operator shall plug and abandon the Cooperative Well in accordance with all rules and regulations of all governmental agencies having jurisdiction over the premises at the cost, risk, and expense of the Parties, and shall salvage all equipment in and on the well for the account of the Party(ies) that initially paid for said equipment. The termination of this

Agreement shall not relieve any of the parties from any liability which has accrued hereunder prior to the date of such termination.

Notwithstanding anything to the contrary contained elsewhere in this Agreement, if the actual drilling operations for the Cooperative Well are not commenced on or before June 30, 2004, then this Agreement shall immediately terminate and shall have no further force and effect.

3. NON-PARTNERSHIP ELECTION

- A. Under no circumstances shall this Agreement be construed as creating a partnership, mining partnership or an association for profit between or among the Parties hereto. The liability of the Parties shall be several and not joint or collective. Each Party shall be liable only for the costs incurred and the risks assumed by each respective Party in connection with the performance of this Agreement.
- Notwithstanding any provisions herein that the right and liabilities of the Parties hereunder are several and not joint or collective or that this Agreement and the operations hereunder shall not constitute a partnership, if for Federal income tax purposes this Agreement and the operations hereunder are regarded as a partnership, then each of the parties hereto hereby elects to be excluded from the application of all the provisions of Subchapter K, Chapter 1, Subtitle A, of the Internal Revenue Code of 1986, as permitted and authorized by Section 761 of said Code and the regulation promulgated thereunder. Operator is authorized and directed to execute on behalf of each of the Parties hereto such evidence of this election as may be required by the Secretary of the Treasury of the United State or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the date required by Federal Regulations 1.761-2. Should there be any requirement that each party hereto further evidence this election, each Party hereto agrees to execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. Each Party hereto further agrees not to give any notices or take any other action inconsistent with election made hereby. If any present or future income tax laws of the state or states in which the property covered by this Agreement is located, or any future income tax law of the United States, contain, or shall hereafter contain, provisions similar to those contained in Subchapter K, Chapter I, Subtitle A, of the Internal Revenue Code of 1986, under which an election similar to that provided by Section 761 of Subchapter K is permitted, each of the parties hereby makes such election or agrees to make such election as may be permitted by such laws. In making this election, each of the Parties hereto hereby states that the income derived by it from the operations under this Agreement can be adequately determined without the computation of the partnership taxable income.

4. TRANSFER OF INTEREST

If any instrument purporting to effectuate the sale, assignment, or transfer of any interest of a Party in or to the Hawk B-1 Lease, and/or the Southland Royalty "A" Lease does not expressly provide that such sale, assignment or transfer is made and accepted subject to this Agreement, the purported sale, assignment or transfer of any such interest shall be void.

5. <u>CLAIMS AND LAWSUITS</u>

- A. If any Party is sued on an alleged cause of action arising out of operations covered by this Agreement, it shall give prompt written notice of the suit to the other party.
- B. Operator may settle any single damage claim or suit arising from operations hereunder for any settlement amount not exceeding Thirty-Five Thousand Dollars (\$35,000), provided such payment is in complete settlement of such claim or suit.
- C. If the amount required for settlement exceeds the amount hereinabove set out, Operator shall give notice to BP and Chevron of its intent to settle for such higher amount, and if BP and Chevron agree to such higher amount, Operator may settle such claim or suit for such higher amount.

D. If, in Operator's opinion, such claim or suit is not amenable to or susceptible of settlement, Operator may upon delegation of such authority by the Parties hereto supervise the administration of said claim or suit employing Operator's staff attorneys or other attorneys as it may see fit to do so. The fees and expenses of settlement and handling such claim or suit shall be charged to the Joint Account, provided no charge shall be made for services performed by the staff attorneys for either Party.

6. TAKING PRODUCTION IN KIND

Each Party shall take in kind or separately dispose of its proportionate share of all oil and gas produced from the Cooperative Well, exclusive of production which may be used in development and producing operations and in preparing and treating oil and gas for marketing purposes and production unavoidably lost. Any extra expenditure incurred in the taking in kind or separate disposition by any Party of its proportionate share of the production shall be borne by such Party. Any Party taking its share of production in kind shall be required to pay only for its proportionate share of such part of Operator's surface facilities which it uses. In the event one or more Parties' separate disposition of its share of the gas causes split-stream deliveries to separate pipelines which on a day-to-day basis for any reason are not exactly equal to a Party's respective proportionate share of total gas sales to be allocated to it, the balancing or accounting between the respective accounts of the Parties shall be in accordance with the Gas Balancing Agreement attached to the NMFU Operating Agreement.

In the event any Party shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the oil produced from the Cooperative Well, Operator shall have the right, subject to the revocation at will by the Party owning it, but not the obligation, to purchase such oil or sell it to others at any time and from time to time, for the account of the non-taking Party at the best price obtainable in the area for such production. Any such purchase or sale by Operator shall be subject always to the right of the owner of the production to exercise at any time its right to take in kind, or separately dispose of, its share of all oil not previously delivered to a purchaser. Any purchase or sale by Operator of any other Party's share of oil shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year.

7. PRODUCTION ALLOCATION AND BURDENS ADMINISTRATION

All royalties, overriding royalty interests, production payments, or similar lease burdens encumbering the Properties which are created and existing as of the effective date hereof are defined as the Existing Burdens. Solely for the payment of such Existing Burdens, all oil, gas and related hydrocarbons produced from or allocated to the Cooperative Well shall be allocated to the Properties as follows:

Hawk B-1 Lease		 	64.32%
Southland Royalty "A	A" Lease.	 	35.68%

Each Party shall account for and administer its share of the Existing Burdens attributable to the Hawk B-1 Lease and/or the Southland Royalty "A" Lease based on such Party's operating rights in said lease(s) insofar and only insofar as to the formation(s) being produced from the Cooperative Well. Further, each Party shall indemnify and hold harmless each other Parties for the payment of its share of such Existing Burdens.

Acceptance of the payment of such Existing Burdens by the owners thereof shall never be construed as approval or ratification of a pooling, unitization, or communitization of the Hawk B-1 Lease and the Southland Royalty "A" Lease.

8. <u>MEASUREMENT</u>

Subject to the provisions of Paragraph 6, all oil produced from the Cooperative Well will be measured in accordance with the standard metering practice accepted by the State of New Mexico and Bureau of Land Management. The method used shall be checked for accuracy at least once

every month. All gas separated from such oil shall be metered or determined from well test before delivery to the gas purchaser.

9. TITLE

This Agreement is not intended as a conveyance of any interest whatsoever in real property owned or controlled by the Parties, but is merely a contractual arrangement between the Parties to operate the Cooperative Well and share the production and costs thereof.

10. NOTICES

- A. All notices authorized or required by this Agreement, unless otherwise specifically provided, shall be deemed to have been given when it is received by the Party to whom addressed if it is given in writing by Certified Mail, Return Receipt Requested, or telegram, postage or charges prepaid, and addressed to the parties to whom the notice is given at the addresses listed above.
- B. Each Party shall have the right to change its address at any time and from time to time by giving written notice thereof to the other Parties.

11. PRE-COMMENCEMENT APPROVALS

Notwithstanding anything to the contrary contained elsewhere in this Agreement, Operator shall not commence actual drilling operations for the Cooperative Well until this Agreement has been approved by the Authorized Officer of the Bureau of Land Management.

This Agreement is freely assignable and shall extend to and be binding on the successors and assigns of the Parties hereto.

This Agreement may be executed in any number of counterparts, each of which shall be considered as an original for all purposes.

IN WITNESS WHEREOF, the parties have caused the execution of this instrument to be effective on the date first above written

APACHE CORPORATION	BP AMERICA PRODUCTION COMPANY
By: At At	By:
Printed Name: Ab Johnston Title: Centrol Region Vice President, Exploration & Development, W	Printed Name: Title:
CHEVRON U.S.A. INC.	BUREAU OF LAND MANAGEMENT
By:_	
Printed Name: Title:	By: Jamph, Bray D. BRAY Printed Name: LARRY D. BRAY Title: ASS!STONTFIFLD MANAGER LANDS AND MINERALS

STATE OF OKLAHOMA §	
COUNTY OF TULSA §	
This instrument was acknowledged before me Johnston, Vice President, Exploration, Central Recorporation, on behalf of said corporation. Notary Public Oklahoma OFFICIAL SEAL SHEILA REXROAD TULSA COUNTY Comm. Exp. 07-20-2004	
STATE OF TEXAS §	
COUNTY OF HARRIS §	
This instrument was acknowledged before n	ne this day of, 200, by of BP America Production
Company, a Delaware corporation, on behalf of said	
	Notary Public, State of Texas
STATE OF TEXAS	
COUNTY OF MIDLAND §	
This instrument was acknowledged before n	ne this day of, 200, by
Pennsylvania corporation, on behalf of said corporat	of Chevron U.S.A. Inc., a
수 있다면 하는 것이 되었다. 그런 그런 그들은 사람들이 되었다. 사용하다 그는 사람들은 사람들은 사람들은 사용을 받았다. 사용하다 그는 사람들은 사람들은 사용을 받았다.	
	Notary Public, State of Texas
ANGELE CONTROL	
STATE OF NEW MEXICO _§	
COUNTY OF LEACH \$	
This instrument was acknowledged before	me this <u>lo</u> day of <u>a</u> , 200, do not do not do not describe the Bureau of Land Management on
	Notary Public, State of New Mexico

every month. All gas separated from such oil shall be metered or determined from well test before delivery to the gas purchaser.

TITLE 9.

This Agreement is not intended as a conveyance of any interest whatsoever in real property owned or controlled by the Parties, but is merely a contractual arrangement between the Parties to operate the Cooperative Well and share the production and costs thereof.

NOTICES 10.

- All notices authorized or required by this Agreement, unless otherwise specifically provided, shall be deemed to have been given when it is received by the Party to whom addressed if it is given in writing by Certified Mail, Return Receipt Requested, or telegram, postage or charges prepaid, and addressed to the parties to whom the notice is given at the addresses listed above.
- Each Party shall have the right to change its address at any time and from time to time by giving written notice thereof to the other Parties.

PRE-COMMENCEMENT APPROVALS 11.

Notwithstanding anything to the contrary contained elsewhere in this Agreement, Operator shall not commence actual drilling operations for the Cooperative Well until this Agreement has been approved by the Authorized Officer of the Bureau of Land Management.

This Agreement is freely assignable and shall extend to and be binding on the successors and assigns of the Parties hereto.

This Agreement may be executed in any number of counterparts, each of which shall be considered as an original for all purposes.

IN WITNESS WHEREOF, the parties have caused the execution of this instrument to be effective on the date first above written

effective on the date first above written APACHE CORPORATION	BP AMERICA PRODUCTION COMPANY
By: Printed Name: Region Vice President, Title: Exploration & Development	By: Robert C. Hagens Delle Title: Attorney - 114 - FACT
CHEVRON U.S.A. INC.	BUREAU OF LAND MANAGEMENT
By: Printed Name: Title:	By: Printed Name: Title:

STATE OF OKLAHOMA §	
COUNTY OF TULSA §	
This instrument was acknowledged before r	ne this <u>Ho</u> day of <u>December</u> , 2003, by Rob
Johnston, Vice Medient, Exploration, Central	
corporation, on sensit of widecorporation.	
o AR	$\mathcal{O}_{\mathbf{x}}$
OUBLIOR :	$($ \mathcal{A} \mathcal{A} \mathcal{A} \mathcal{A}
METATE OF 7	Notary Public, State of Oklahoma
OKLAW JEN	Troiding I dolle, State of Oktanoma
ULSA COM	
있잖아 시기를 만나 되는 경기를 통 당하다 되는	
STATE OF TEXAS §	
COLDITY OF HADDIC	
COUNTY OF HARRIS §	
This instrument was acknowledged before	me this day of JANNARY, 200 4, by
Pobert C. HAGENS, AHORNEY	-114 - Fred of BP America Production
Company, a Delaware corporation, on behalf of sa	id corporation.
HELEN K. ZAPALAC NOTARY PUBLIC STATE OF TEXAS	
COMMISSION EXPIRES	Asl so Y Dochas
annotation in the second	Notary Public, State of Texas
	Trotally Lubile, State of Texas
STATE OF TEXAS	
COUNTY OF MIDLAND §	
This instrument was acknowledged before	me this day of , 200, by
	of Chevron U.S.A. Inc., a
Pennsylvania corporation, on behalf of said corpor	ation.
용성하다 그런 얼마를 가장하는데 다시다	
선생님 그리지 않는 사람들이 전쟁을 했다.	
왕생일이 이루 아는 동안 얼마를 하고 있다.	Notary Public, State of Texas
중점을 살으면 보고 하는 것을 만하는 것이다.	Notary I dolle, State of Texas
CTATE OF MENIAMENICO	
STATE OF NEW MEXICO §	
COUNTY OF LEA §	
This instrument was acknowledged before	re me this, day of, 200,
by , Authoriz	zed Officer of the Bureau of Land Management on
behalf of the Bureau of Land Management.	
경기에 가는 것이 가는 경기에 있다.	
	Notary Public State of New Marriag

every month. All gas separated from such oil shall be metered or determined from well test before

This Agreement is not intended as a conveyance of any interest whatsoever in real property Owned or controlled by the Parties, but is merely a contractual arrangement between the Parties to operate the Cooperative Well and share the production and costs thereof.

- specifically provided, shall be deemed to have been given when it is received by the Party to whom All notices authorized or required by this Agreement, unless otherwise addressed if it is given in writing by Certified Mail, Return Receipt Requested, or telegram, postage or charges prepaid, and addressed to the parties to whom the notice is given at the addresses listed
- time to time by giving written notice thereof to the other Parties. Each Party shall have the right to change its address at any time and from PRE-COMMENCEMENT APPROVALS

Notwithstanding anything to the contrary contained elsewhere in this Agreement, Operator Shall not commence actual drilling operations for the Cooperative Well until this Agreement has been approved by the Authorized Officer of the Bureau of Land Management.

This Agreement is freely assignable and shall extend to and be binding on the successors and assigns of the Parties hereto.

This Agreement may be executed in any number of counterparts, each of which shall be considered as an original for all purposes. IN WITNESS WHEREOF, the pa

APACHE CORP	REOF, the parties have	parts, each of which shall be	
APACHE CORPORATION	REOF, the parties have caused the ex	ecution of this	
B_{y} : $\begin{pmatrix} 1 & 1 & 1 \end{pmatrix}$	RP (-	mstrument to be	
Printed	· MERICA	PRODUCTION COMPANY	
Printed Name: Pr	In By:	COMPANY	
Title: Centrol Pepion Vice Les Develop	resident Printed Name: Title:		
CHEVRON U.S.A. INC.	Me:		
B. C.	BUREAU OF		
Printed Name: Carles D. Frie Title: Atomey - In-Face	e of LA	ND MANAGEMENT	11
MONNEY-IN- ANS	Dy:		
	Printed Name: Title:		

STATE OF OKLAHOMA §	
COUNTY OF TULSA §	
This instrument was acknowledged Johnston, Vice President, Exploration, corporation, and balance for said corporation.	d before me this <u>We</u> day of <u>DeCember</u> , 2003, by Ro Central Region, of Apache Corporation, a Delawar
A C C C C C C C C C C C C C C C C C C C	Notary Public, State of Oklahoma
TULSALIV	
STATE OF TEXAS	
COUNTY OF HARRIS §	
This instrument was acknowledged	before me this
Company, a Delaware corporation, on beha	of BP America Production
STATE OF TEXAS	Notary Public, State of Texas
COUNTY OF MIDLAND §	
This instrument was acknowledged be charles D. Frishie ALL	Defore me this 5th day of January, 2004, by
Pennsylvania corporation, on behalf of said c	orney-in-fact of Chevron U.S.A. Inc., a corporation.
DAVID W. THOMPSON NOTARY PUBLIC STATE OF TEXAS COMMISSION EXPIRES: FEBRUARY 28, 2006	Notary Public, State of Texas
STATE OF NEW MEXICO §	
COUNTY OF LEA	
This instrument was acknowledged b	
by	orized Officer of the Bureau of Land Management on
Zareau of Land Management.	- Zana ivianagement on
	Notary Public, State of New Mexico