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	[B]	☑ Offse	et Operators	, Leaseholder	rs or Surfac	e Owner				
	[C]	🗌 Appli	ication if O	ne Which Red	quires Publ	ished Legal	Notice			
	[D]			or Concurrer						
	[E]	✓ For a	ll of the abo	ove, Proof of	Notification	n or Publica	tion is At	tached, an	d/or,	
	[F]	🗌 Waiv	ers are Atta	ched						
[3]	INFORM	ATION / D	ATA SU	BMITTEI) IS CON	IPLETE	- Certif	ication		

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

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

Lee R. White Print or Type Name

, 2

Jels White Stanfor Signature

Engineering Manager Title

5/21/2001 Date

Lee.White@Apachecorp.com e-mail Address



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary

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> Lori Wrotenbery Director Oil Conservation Division

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC		
DHC	X.	
NSL	7	
NSP		<u> </u>
SWD		(<u>1999)</u>
WFX		
PMX		

Gentlemen:

I have examined the application for the:

#10-L·23-215-37e No. Unit S-T-R API# 30-025-34336 JG Hare I Lease & Well No. Dache

and my recommendations are as follows:

Yours very truly,

Chry Withiam Chris Williams Supervisor, District 1

2000 POST OAK BOULEVARD / SUITE 100 / HOUSTON, TEXAS 77056-4400



WWW.APACHECORP.COM (713) 296-6000

May 21, 2001

Attn: David Catanach State of New Mexico - Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Application to Downhole Commingle J G Hare No. 10 Penrose Skelly; Grayburg Pool (50350) Eunice; San Andres Pool (24150) Sec. 33, T22S – R37E Lea County, New Mexico

Apache Corporation would like to request administrative approval to downhole commingle the production from the referenced pools in our J G Hare # 10 well.

To support this request we submit the following:

- 1) New Mexico OCD Form C-107A
- 2) New Mexico OCD Form C-102 for Penrose Skelly; Grayburg Pool
- 3) New Mexico OCD Form C-102 for Eunice; San Andres Pool
- 4) Production Curve for the Penrose Skelly; Grayburg Pool
- 6) Production Curve for offset well Owen "B" # 9 in the Eunice; San Andres Pool
- 7) Allocation formula is based on current production
- 8) Copy of letter sent (by Certified Mail) to Offset operators within one-half mile of the J G Hare # 10

9) Well Bore Diagrams of current completion and proposed completion

If you have any questions or require additional information regarding this application, please contact me at 713-296-6338. Thank you.

Sincerely,

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APACHE CORPORATION

noesool \mathcal{O}

Debra J. Anderson Sr. Engineering Technician

Attachments

cc: New Mexico Oil Conservation Division
 District I
 1625 N. French Drive
 Hobbs, New Mexico 88240

DISTRICT I	State of New Mexico	Form C-10
1625 N. French Drive, Hobbs, NM 88240	Energy, Minerals and Natural Resources Department	Revised May 15, 2
DISTRICT II		
P.O. Drawer DD, Artesia, NM 88210	OIL CONSERVATION DIVISION	
DISTRICT III	1220 South St. Francis Drive	APPLICATION TYPE
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, New Mexico 87505-6429	Single Well
DISTRICT IV		Established Pre-Approved Pools
1220 South St. Francis Dr., Santa Fe, NM 87505		Existing Wellbore
		Yes No
	APPLICATION FOR DOWNHOLE COMMINGLE	

DATA ELEMENT			UPPER ZONE	INTERM	IEDIATE ZONE	LOW	VER ZONE		
OGRID NO.	000873	Property Code	26473 API No.	30-02 <u>5-</u> 34336	Federal	State	√ Fee		
Lease	well No.		Unit LtrSec-T	wp-Rgn	County				
J G HARE 10			L / Sec. 33 / T-	21 <u>S / R</u> -37E	Lea				
Operator			Address						
APACHE CORPORATION 2000 POST OAK BLVD., SUITE 100, HOUSTON, TEXAS 77056-4400									

Pool Name	Per	nrose Skelly; Grayb	urg					Eunice; San Andres	s
Pool Code		50350						24150	
Top and Bottom of Pay Section								_	
(Perforated or Open-Hole Interval)		3688 - 3708						3860 - 3907	
Method of Production									
(Flowing or Artificial Lift)		Artificial Lift						Artificial Lift	
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)		36.7						37.1	
Producing, Shut-In or									
New Zone		Producing			_			Shut-In	
Date and Oil/Gas/Water Rates									
of Last Production								Owen "B" # 9	
(Note: For new zones with no production history,	Date:		5/3/2001	Date:			Date:		5/7/200
applicant shall be required to attach production									
estimates and supporting data.)	Rates:		2 x 72 x 4	Rates:			Rates:		3 x 36 x 9
Fixed Allocation Percentage	Oil	Gas		Oil	Gas		Oil	Gas	- 4
(Note: If allocation is based upon something other	1						l		
than current or past production, supporting data or	[
explanation will be required.)		40%	67%		%	%		60%	33

ADDITIONAL DATA

Are all working, royalty and overriding royalty interest identical in all comr If not, have all working, royalty and overriding royalty interest owners been		⊡ Yes □Yes					
Are all produced fluids from all commingled zones compatible with each of	⊡ Yes	No No					
Will commingling decrease the value of production?	□ Yes	V 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?							
NMOCD Reference Cases No. applicable to this well:	DHC-2674 / DHC-2675						

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 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 rue and complete to the best of my	knowledge an	d belief.		
SIGNATURE POR MACHINA	TITLE	Sr. Engineering Technician	DATE	5/21/2001
TYPE OR PEANT NAME Debra J. Anderson		TELEPHONE NO.	713-296-6338	·

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District I

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1625 N. French Drive, Hobbs, NM 88240

District II P O Drawer DD, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1 Att Number 2 Pool Code 9 Pointone 9 Pointone 4 Poporty Code 28473 4 Number 4 Well Number 28473 1 G Hare 1 Vell Number 4 Well Number 29 OKIND No. 4 Operative Name 9 Elevation 3461 000873 Apache Corporation 3451 000873 0 Surface L coation 3451 1L or Lst No. Section Township Range Lot Lin Feet from the Pool Coate 1L or Lst No. Section Township Range Lot Lin Feet from the Peet from the East/West line Coanty 1L or Lst No. Section Township Range Lot Lin Feet from the North/South line Feet from the East/West line Coanty 1L or Lot No. Section Township Range Lot Lin Feet from the North/South line Feet from the East/West line Coanty 1L or Lot No. Section Township Range Lot Low Feet from the East/West line Coanty 1Dedicated Acre 10 Otor Infill 14 Consolidation Code 14 O	220 South St. F	rancis Driv	e, Santa Fe, N	NM 87505	WELL I	OCATION A	ND ACREAGE	E DEDI				
A Property Code 26473 J G Hare 10 CGRU No. GOGRT												
26473 J G Hare 10 ? OGRUD No. ® Operator Name 9 Elevation 000673 Apache Corporation 3451 "I. or Lot No. Section Township Range Lot Idn I. or Lot No. Section Township Range Lot Idn Feet from the I. or Lot No. Section Township Range Lot Idn Feet from the East/West line County I. or Lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County Dedicated Acres 19 Joint or Infill 14 Consolidation Code 14 Order No. 40 County 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 17 OPERATOR CERTIFICATION Intra or Infill 14 Consolidation code and beild 16 Title Science Diversity and the afformation contained herein in the and complete to the best of my biomicoge and beild 17 OPERATOR CERTIFICATION There or or the best of my biomicoge and bell 18 Title Science Debted J.Anderson 19 Title Science in the best of my biomicoge and bell 10 Total Name Science in the best of my bi			4336		50							
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10 17 OPERATOR CERTIFICATION 19 hereby certify that the information contained herein is 19 true and complete to the best of my knowledge and belief. 19 Printed Name Debra J. Anderson Title Sr. Engineering Technician Date 5/21/01 19 SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plan was policid from field notes of actual servey made by 10 or under my supervision, and that the same is true and correct to the best of my helief. Date Surveyed Signature and Seal of Professional Surveyor		LOWAB	LE WILL I	BE ASSIC	GNED TO T	THIS COMPLET	ION UNTIL ALL	INTER	ESTS HA	VE BEEN (CONS	SOLIDATED
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Certificate Number

AMENDED REPORT

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Drive Santa Fe, New Mexico 87505

District I 1625 N. French Drive, Hobbs, NM 88240

District II P O Drawer DD, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

220 South St. Fi	ancis Drive	e, Santa Fe, M	NM 87505	WELL	LOCATION AN	ND ACREAGE	DED	ICATIO	N PLAT			
1	API Numi	ber		2 Poo	ol Code			3 Pool Name				
30-025-34336 24150						Eunice; San Andres						
-	4 Property Code 5 Property Name										6 Well Number	
264		_				Hare					10	
7 OGRI						ator Name					9 Elevation	
000	<u>873 </u>				Apache Co	prporation					3451	
					10 Surf	ace Location						
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/West l	ine	County	
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Certificate Number

Form C-102 Revised October 18, 1994 Instruction on Back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

an de las Periodes State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

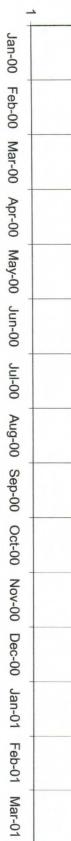
1220 South St. Francis Drive Santa Fe, New Mexico 87505

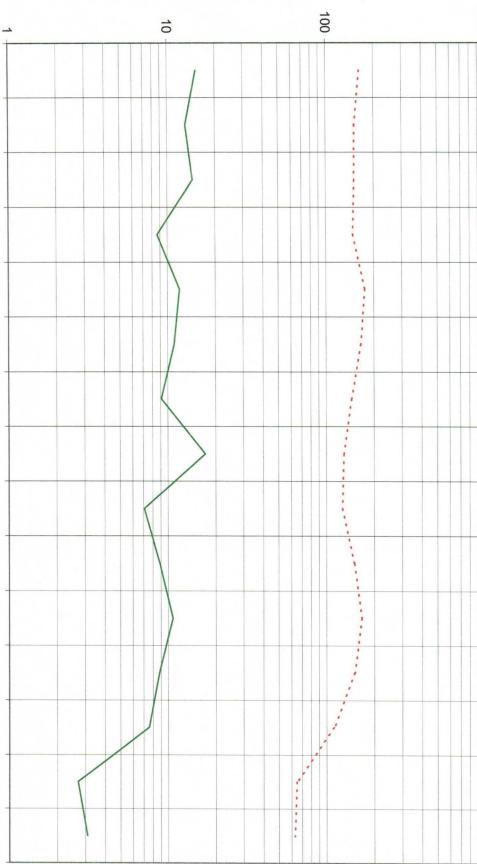
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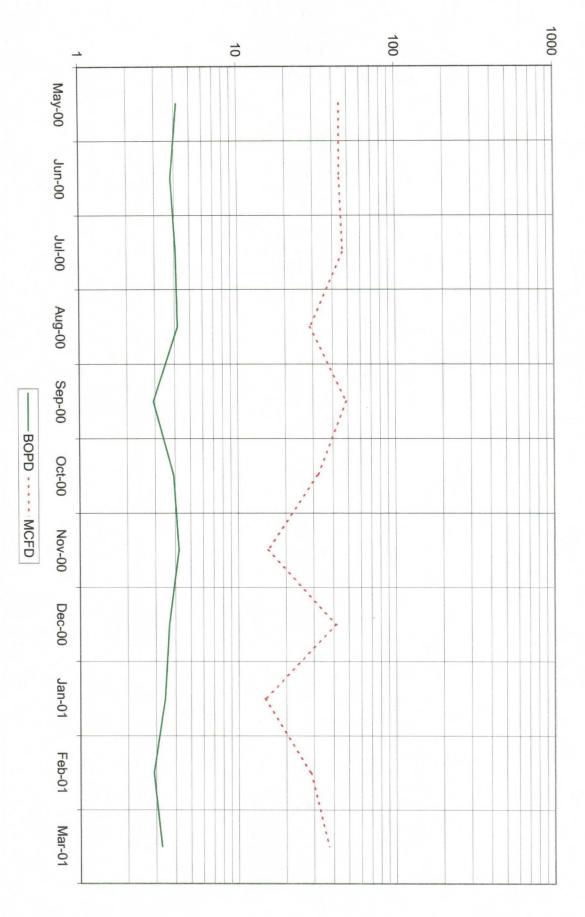
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J G HARE NO. 10 - PENROSE SKELLY; GRAYBURG

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OWEN "B" NO. 9 - EUNICE (SAN ANDRES)



2000 POST OAK BOULEVARD / SUITE 100 / HOUSTON, TEXAS 77056-4400

WWW.APACHECORP.COM (713) 296-6000

May 21, 2001

Offset Operators

Re: Application to Downhole Commingle J G Hare No. 10 Penrose Skelly; Grayburg Pool (50350) Eunice; San Andres Pool (24150) Sec. 33, T22S – R37E Lea County, New Mexico

Attached please find a copy of an Application to Downhole Commingle production from the referenced pools in the J G Hare # 10 well that Apache Corporation has filed with the New Mexico Oil Conservation Division. If you have an objection to this application, you must notify the OCD in writing within 20 days from the date of this letter. Thank you.

Sincerely,

APACHE CORPORATION

Debra J. Anderson Sr. Engineering Technician

Attachments

cc: New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

J G Hare No. 10 Downhole Commingle Application Offset Operators

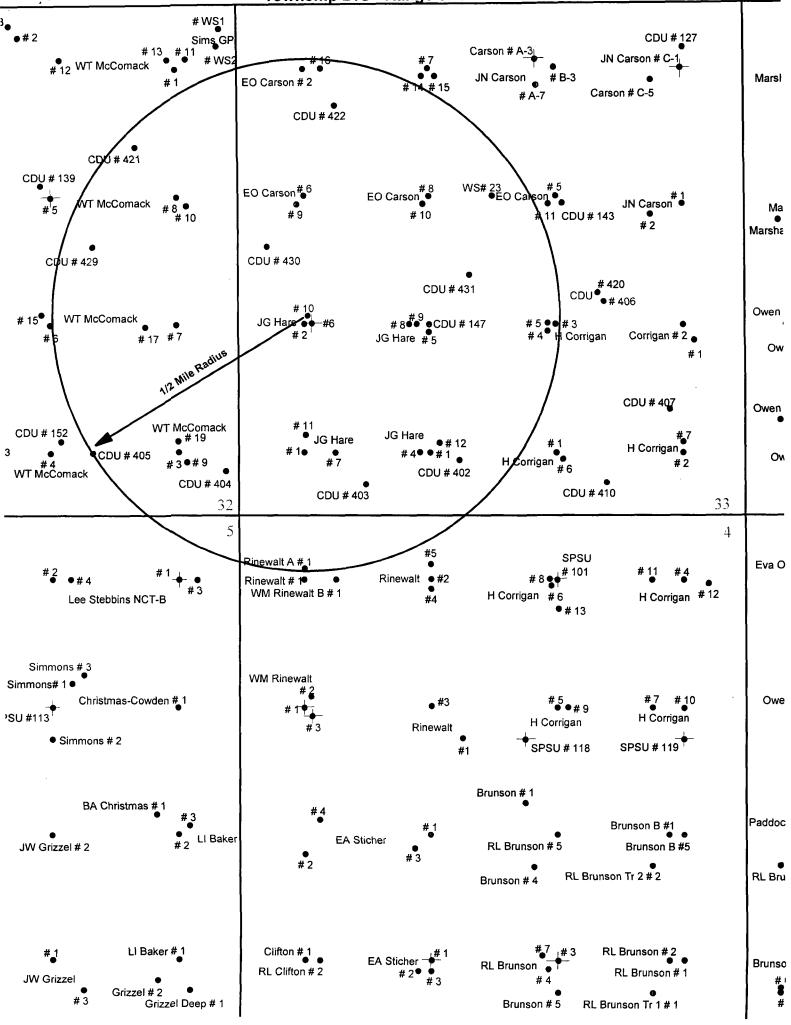
Chevron USA Inc P O Box 1150 Midland, Texas 79702 Certified Rcpt. # Z-207-261-558

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John H Hendrix Corporation 110 N. Marienfeld, Suite 400 Midland, Texas 79702-3040 Certified Rcpt. # Z-207-261-559 Titan Resources 500 W Texas, Suite 500 Midland, Texas 79701 Certified Receipt # Z-207-261-561

Wiser Oil Company 3504 N W County Road Hobbs, New Mexico 88241 Certified Receipt # Z-207-261-565





Well: J G Hare No. 10

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Penrose Skelly; Grayburg Pool:

Penrose Skelly; Grayburg Perfs: 3688 - 3708 - 4" - 21 Holes

Eunice; San Andres Perfs:

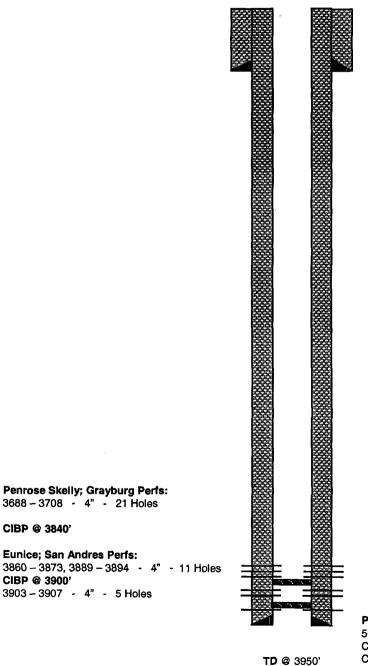
3903 - 3907 - 4" - 5 Holes

CIBP @ 3840'

CIBP @ 3900'

Location: 2083' FSL & 716' FWL Unit L, Section 33, Township 21S, Range 37E

API#: 30-025-34336



Surface Casing: 12-1/4" Hole 8-5/8" 24# CSA 356' Cement w / 230 sx Circulated to Surface

Current Status: Active Oil

Penrose Skelly; Grayburg

Production Casing: 7-7/8" Hole 5-1/2" 15.5# CSA 3950' Cement w / 900 sx Circulated to Surface

Well: J G Hare No. 10

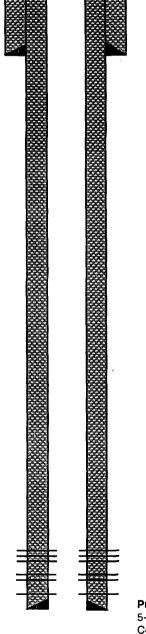
Pool: Penrose Skelly; Grayburg / Eunice; San Andres

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Location: 2083' FSL & 716' FWL Unit L, Section 33, Township 21S, Range 37E

API#: 30-025-34336

Proposed Status: Active Oil Downhole Commingle Penrose Skelly; Grayburg & Eunice; San Andres Pools



TD @ 3950'

Surface Casing: 12-1/4" Hole 8-5/8" 24# CSA 356' Cement w / 230 sx Circulated to Surface

Penrose Skelly; Grayburg Perfs: 3688 - 3708 - 4" - 21 Holes

Eunice; San Andres Perfs: 3860 - 3873, 3889 - 3894 - 4" - 11 Holes 3903 - 3907 - 4" - 5 Holes

Production Casing: 7-7/8" Hole 5-1/2" 15.5# CSA 3950' Cement w / 900 sx Circulated to Surface