SUSPENSE

ABOVE THIS LINE FOR DIVISION USE ONLY

#### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECK

TI	HIS CHECKLIST IS MA	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATION WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	ıs
Applic	eation Acronyma		
	[NSL-Non-Stan [DHC-Down [PC-Pool	hdard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] hhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] ol Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] iffied Enhanced Oil Recovery Certification] [PPR-Positive Production Response]	
	•	DHI ICATION Cheek These Which Apply for [A]	
[1]	TYPE OF AP	PLICATION - Check Those Which Apply for [A]  Location - Spacing Unit - Simultaneous Dedication  NSL NSP SD  143144	Ating
	Check [B]	One Only for [B] or [C]  Commingling - Storage - Measurement  DHC CTB PLC PC OLS OLM - Big Jake	
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  WFX PMX SWD IPI EOR PPR  Pool	3485
	. [D]	Other: Specify ————————————————————————————————————	it war
101	MOTIFICATI	composition man of a field and a first to the Annala.	
[2]	[A]	Working, Royalty or Overriding Royalty Interest Owners	י) מאמי בייל
	[B]	Working, Royalty or Overriding Royalty Interest Owners  □ Offset Operators, Leaseholders or Surface Owner  71597	~~~ 07
	[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]		CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYNATION INDICATED ABOVE.	PE
[4] approv applic	val is <mark>accurate</mark> ar	<b>FION:</b> I hereby certify that the information submitted with this application for administration of the best of my knowledge. I also understand that <b>no action</b> will be taken on quired information and notifications are submitted to the Division.	ve this
	Note:	Statement must be completed by an individual with managerial and/or supervisory capacity.	
	d Catanach or Type Name	Signature  Agent-Enervest Operating, L.L.C. Title	
		Date drcatanach@netscape.com E-Mail Address	

District I

District II 1301 W. Grand Avenue, Arlena, NM 68210

District III
1000 Rio Brazos Rood, Azton, NM 87410

District IV

1220 S St. Femcis Dr., Santa Fe, NM 17505

## State of New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr.

APPLICATION TYPE X\_Single Well

Form C-107A Revised June 10, 2003

#### APPLICAT

Santa Fe, New Mexico 87505	Establish Pre-Approved Pools
	EXISTING WELLBORE
TION FOR DOWNHOLE COMMINGLING	_X_ YesNo

Big Jake ease		tion 26, T-31 North, R-13 West Section-Township-Range	t San Juan County				
GRID No. 143199 Property	Code 312919 API No. 30	-045-33485 Lease Type: X	FederalStateFee				
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE				
Pool Name	Basin-Fruitland Coal		Basin-Dakota				
Pool Code	Gas-71629		Prorated Gas-71599				
Fop and Bottom of Pay Section Perforated or Open-Hole Interval)	1,974'-2,144'		6,726'-6,876'				
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Flowing or Artificial Lift				
Bottomhole Pressure Note. Pressure data will not be required if the bottom perforacion in the lower zone is within 150% of the depth of the top perforation in the upper zone)	229 psi @ 2,144°		268 psi @ 6,770'				
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1110 BTU		1216 BTU 54.8 Deg. API				
Producing, Shut-In or New Zone	Producing		Producing				
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production bistory, applicant shall be required to attach production estimates and supporting data.)	Date: 2014 Ave. Rate Rates: 0.0 BOPD 115 MCFGPD 32 BWPD	Date: Rates:	Date: 2014 Ave. Rate Rates: 0.053 BOPD 0.53 MCFGPD 0.51 BWPD				
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas Water	Oil Gas Water	Oil Gas Water				
then current or past production, supporting data or explanation will be required.)	See Attachment "A"		See Attachment "A"				
	ADDITIO	NAL DATA					
re all working, royalty and overriding not, have all working, royalty and over			Yes No X Yes X No				
re all produced fluids from all commit	ngled zones compatible with each of	other?	Yes_XNo				
ill commingling decrease the value of	production?		Yes No_X_				
this well is on, or communitized with the United States Bureau of Land Ma	nagement been notified in writing		Yes_X No				
IMOCD Reference Case No. applicable	e to this well:	· · · · · · · · · · · · · · · · · · ·	<del></del>				
ttachments:  C-102 for each zone to be comming Production curve for each zone for a For zones with no production histor Data to support allocation method o Notification list of working, royalty Any additional statements, data or d	at least one year. (If not available, y, estimated production rates and s r formula. and overriding royalty interests fo	attach explanation.) supporting data. or uncommon interest cases.					
	PRE-APPRO	OVED POOLS					
If application is	to establish Pre-Approved Pools, ti	he following additional information w	ill be required;				
ist of other orders approving downhole ist of all operators within the proposed roof that all operators within the propo- ottomhole pressure data.	Pre-Approved Pools	••					
hereby certify that the information	above is true and complete to	the best of my knowledge and believes Output in 14.5 Comparison	ef. 				
IGNATURE: Louis Casa	TITLE: Agent-Ener						
	TYPE OR PRINT NAME: David Catagach TELEPHONE NO.: (505) 690-9453						

E-MAIL ADDRESS: dreatanach@netscape.com

District I PO 80x-1980, Hobbs, NA 88241-1980

District II PO Drewer OD, Artesia, NM 68211-0719

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

District IV PO Stx 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Historia & Hatural Resources Cape

Form C-102
Revised February 21, 1994
Instructions on back
ppropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies Submit to Appr

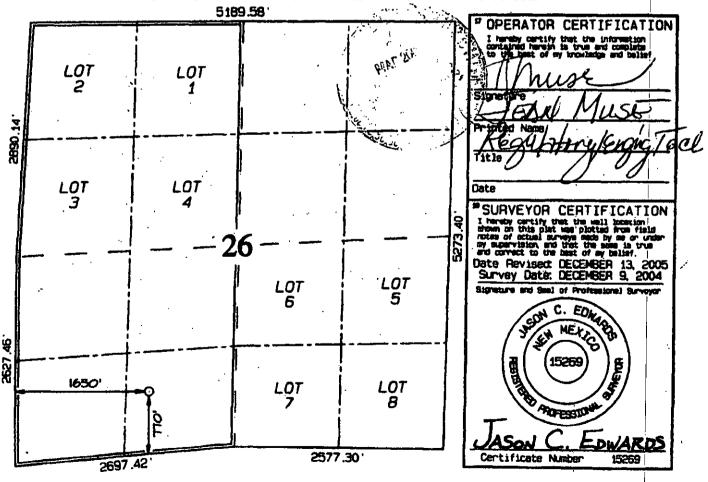
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088
Fee Lesse - 4 Copies
Fee Lesse - 3 Copies
Santa Fe, NM 87504-2088
Fee Lesse - 3 Copies
AMENDED REPORT

RECEIVED

WELL	LOCATION	AND	ACREAGE	GEGICATION PLATH

30-045-31	3485	71!	'Pool Code 599 / 7		BASIN DAK	POOL No.	-	COAL
Property Code	Code Property Name					14 Number		
709RIID No. 173252			PA	Operator ATINA SAN	JUAN, INC.			5968 '
		<del></del>	~ 1X	Surface	Location			
Constant letter	Township	iler (se	Let Mr	Feet from the	Feet from the Herth/Statts live Peet from the			<b>G</b>
N 26	31N	13W		770	SOUTH	1650	WEST	SAN JUAN
	33 B	ottom	Hole L	ocation I	f Different	From Surf	ace	
d. or let so.   becison	Yourenco	Perce	Last Ear	Plant from the	Marth/Gayan Jane	Post from the	Emit/Mest line	Causky
331	.77 Acre	s - (k		D'Joint or Bofill)	M Committeeston Code	FOrder Ha.	<u>.                                    </u>	

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

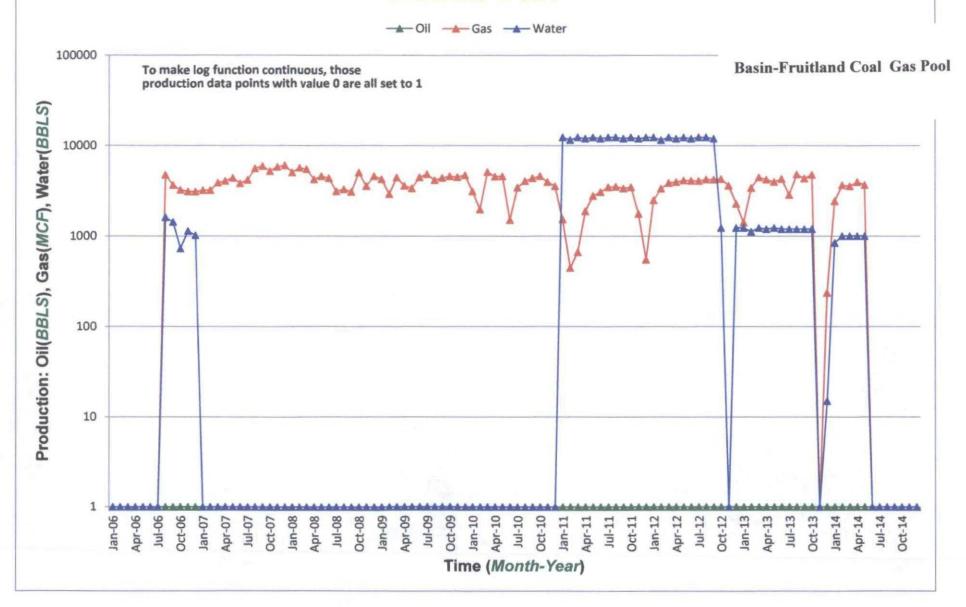


2014	[71599] BASIN DAKOTA (PRORATED GAS)	Jan	o	ż	o	30	ó	ó	ó	ó		ó
2014	[71599] BASIN DAKOTA (PRORATED GAS)	Feb	2	12	19	30		0	0	0		0
2014	[71599] BASIN DAKOTA (PRORATED GAS)	Маг	Ź	65	19	30	ò	Ó	ò	ó		<u>.</u>
2014	[71599] BASIN DAKOTA (PRORATED GAS)	Арг	2	0	19	30	0	0	0	0		0
2014	[71599] BASIN DAKOTA (PRORATED GAS)	May	ź	0	19	30	ō	0	0	0		0
2014	[71599] BASIN DAKOTA (PRORATED GAS)	Jun	o	0	0	o	o	. 0	0	0		0
2014	[71629] BASIN FRUITLAND COAL (GAS)	Jan	0	2442	843	30	0	0	0	0		0
2014	[71629] BASIN FRUITLAND COAL (GAS)	Feb	0	3668	1006	30	0	0	0	0	_	0
2014	[71629] BASIN FRUITLAND COAL (GAS)	Маг	0.	3581	1006	30	0	0	0	0		0
2014	[71629] BASIN FRUITLAND COAL (GAS)	Apr	0	3979	1006	30	0	0	0	0		0
2014	[71629] BASIN FRUITLAND COAL (GAS)	May	0	3695	1006	30	0	0	0	0		0
2014	[71629] BASIN FRUITLAND COAL (GAS)	Jun	0	3300	868	30	0	0	0	0		0

Enervest Operating, LLC Form C-107A Big Jake No. 14 2014 Production Data

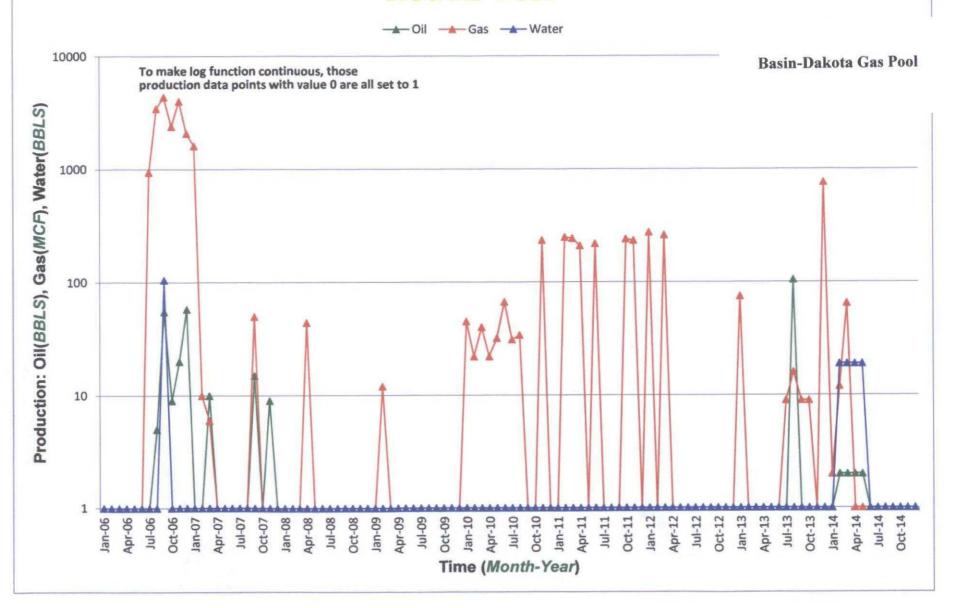
## Oil & Gas Production Logarithmic Curve of Well:

BIG JAKE # 014



### Oil & Gas Production Logarithmic Curve of Well:

BIG JAKE # 014



# Attachment "A" Enervest Operating, LLC Form C-107A: Big Jake Well No. 14 Proposed Production Allocation

Attached are production decline curves for the Big Jake Well No. 14 that show historic Basin-Dakota and Basin-Fruitland Coal Gas Pool production from this well. The production plots show that the Basin-Fruitland Coal Gas Pool within the subject well has produced very consistently over a period of several years, while the Basin-Dakota Gas Pool has produced erratic, possibly due to mechanical issues within the wellbore.

Due to the erratic nature of the Basin-Dakota Gas Pool production within this well, Enervest Operating, LLC is proposing to allocate production based on the subtraction method. The 2014 average producing rate for the Basin-Fruitland Gas Pool is:

115 MCF Gas Per Day 0.0 Barrels of Oil Per Day 32 Barrels of Water Per Day

Subsequent to downhole commingling, any production from the well over the 2014 average producing rate for the Basin-Fruitland Coal Gas Pool will be attributed to the Basin-Dakota Gas Pool.

If the producing rates stabilize in the future, Enervest Operating, LLC will then propose a fixed allocation of production.

#### October 2, 2014

#### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT REQUESTED</u>

TO: Working, Royalty & Overriding Royalty Interest Owners

(See Attached List)

RE: Form C-107A (Application to Downhole Commingle)

Big Jake No. 14 (API No. 30-045-33485)

770' FSL & 1650' FWL (Unit N)

Section 26, T-31 North, R-13 West, NMPM,

San Juan County, New Mexico

#### Ladies & Gentlemen:

Attached is a Division Form C-107A that has been filed with the New Mexico Oil Conservation Division ("Division") to request approval to downhole commingle the Basin-Fruitland Coal and Basin-Dakota Gas Pools within the Big Jake Well No. 14, as described above.

Enervest is proposing to downhole commingle the two pools in this well in order to efficiently produce the remaining oil and gas reserves from this well.

Due to the diverse ownership between the Fruitland Coal and Dakota intervals in this well, Enervest is required by Division rules to provide notice of the proposed commingling to all working, royalty and overriding royalty interest owners.

No action is required on your part. However, any objection to the proposed downhole commingling must be filed in writing at the Division's Santa Fe office within 20 days from the date this notice was sent to you. If no objection is received within twenty days after the filing of this application and proof of notice with the Division, the application may be approved.

If you have any questions, please contact Mr. David Catanach, Agent for Enervest Operating, LLC at (505) 690-9453 or Ms. Johnetta Scheh at (713) 495-5303.

Thank you,

David Catanach

Agent-Enervest Operating, L.L.C.

1001 Fannin Street, Suite 800

Houston, Texas 77002

Form 3160- 5 (March 2012)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUILDEALL OF LAND MANAGEMENT

FORM APPROVED					
OMB No. 1004-0137					
Expires: October 31, 2014					

BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

NMSF-078464

SU	6. If Indian, Allotte	e, or Tribe Nam	ie							
Do n										
abandoned well. Use Form 3160-3 (APD) for such proposals.										
SUBMIT IN TRIPLICATE - Other Instructions on page 2.  7. If Unit or CA/Agreement Name and/or										
Type of Well     Oil Well		8. Well Name and I	No.							
<u> </u>					Big Jake #1	4				
2. Name of Operator				9. API Well No.	20.045.224	105				
Enervest Operating, LLC 3a. Address		3b. Phone No. (inci	ude area code)	10. Field and Poo	30-045-334 or Explorat					
1001 Fannin St., Suite 800		713-65	•	Basin Fre	uitland Coal/	Basin Dakota				
4. Location of Well (Footage, Sec., 770' FSL & 1650' FWL (UL N), Sec.		on)		11. County or Par	rish, State San Juan, N	VM.				
12. CHECK THE APPROP	RIATE BOX(ES) TO INDICA	TE NATURE OF NOT	CE, REPORT, OR	OTHER DATA	<u> </u>					
TYPE OF SUBMISSION		Ţ	YPE OF ACTION							
X Notice of Intent	Acidize	Deepen		(Start/Resume)	Water S	Shut-Off				
	Alter Casing	Fracture Treat	Reclamatio	n	Well In	tegrity				
Subsequent Report	Casing Repair	New Construction	Recomplete	:	X Other	Downhole				
Re-minute self	Change Plans	Plug and Abandon	Temporaril	v Abandon		Commingle				
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp							
13 Describe Proposed or Completed	· —		<u> </u>		d work and a	pproximate duration II				
Enervest Operating, LLC has approval to downhole comm						to request				
14 1 hand a set if a that the formation	is true and somet. Name (B	wind of The state		<del></del>						
14. I hereby certify that the foregoing	·	'								
Miche	lie Doescher	Title		Regulatory C	onsultant —					
Signature Mix Lelle	Downfu	Date		October 28	3, 2014					
	THIS SPACE I	OR FEDERAL OR ST	ATE OFFICE US	E						
Approved by				, , ,	 					
Conditions of approval, if any are attained that the applicant holds legal or equite entitle the applicant to conduct operations.	able title to those rights in the	Tit does not warrant or co subject lease which w Of			Date					
Title 18 U.S.C. Section 1001 and Titl	e 43 U.S.C. Section 1212, mal		on knowingly and v	villfully to make a	ny departmen	t or agency of the Unit				

(Instructions on page 2)

#### Form C-107-A: Big Jake No. 14: Notice List

OFFICE NATURAL RESOURCES REV RME ONRR ROYALTY PO BOX 25627 DENVER, CO 80225-0627

CLIFFORD ALSBERG 1445.0 S OAKHURST DR LOS ANGELES, CA 90035

STEPHEN ALSBERG 447.0 ZION ST NEVADA CITY, CA 95959-2727

BACHMAN BROTHERS
A PARTNERSHIP
2501.0 GREENBRIAR DR
SPRINGFIELD, IL 62704

JAMES B CAIN ESTATE JOHN C CAIN TEMP ADM PO BOX 29 ATHENS, TX 75751

CARTER BLOODCARE ATTN SCOTT GASTORF 2205.0 HWY 121 BEDFORD, TX 76021

ANDREA ALSBERG DOLIN 12407.0 SARAH ST STUDIO CITY, CA 91604

ROBERT A DUNLAP JOAN M DUNLAP JTWROS 48.0 SANDIA MOUNTAIN RANCH RD TIJERAS, NM 87059

BARBARA G GARDNER 6009.0 TRUCHAS NE ALBUQUERQUE, NM 87109

JOHN V GUTTAG 273.0 EMERSON RD LEXINGTON, MA 02420-1936

BOBBY WARD JACKSON 7324.0 HAWTORN AVE NE ALBUQUERQUE, NM 87113-2083

MARY T JARCHOW 1137.0 CALLE DE LOS AMIGOS SANTA BARBARA, CA 93105

KAREN KOROBKIN 571.0 E BROAD ST NEVADA CITY, CA 95959

MCKAY OIL AND GAS LLC PO BOX 14738 ALBUQUERQUE, NM 87191-4738 NOBLE ENERGY INC P O BOX 910083 DALLAS, TX 75391-0083

JAMES R PAYNE
JEAN PAYNE
614.0 PASEO DEL BOSQUE NW
ALBUQUERQUE, NM 87114

THEODOR S RITTENBERG 68.0 BLUE HERON LN GREENWOOD VILLAGE, CO 80121

KENNETH ROBERT SCHMIDT 6819.0 OAKLAWN WAY FAIR OAKS, CA 95628-4215

MARY KAY STEIN 65849.0 E DESERT TRAIL DR TUCSON, AZ 85739-1172

ELIZABETH VERPLANK PO BOX 301 SALISBURY, MD 21801

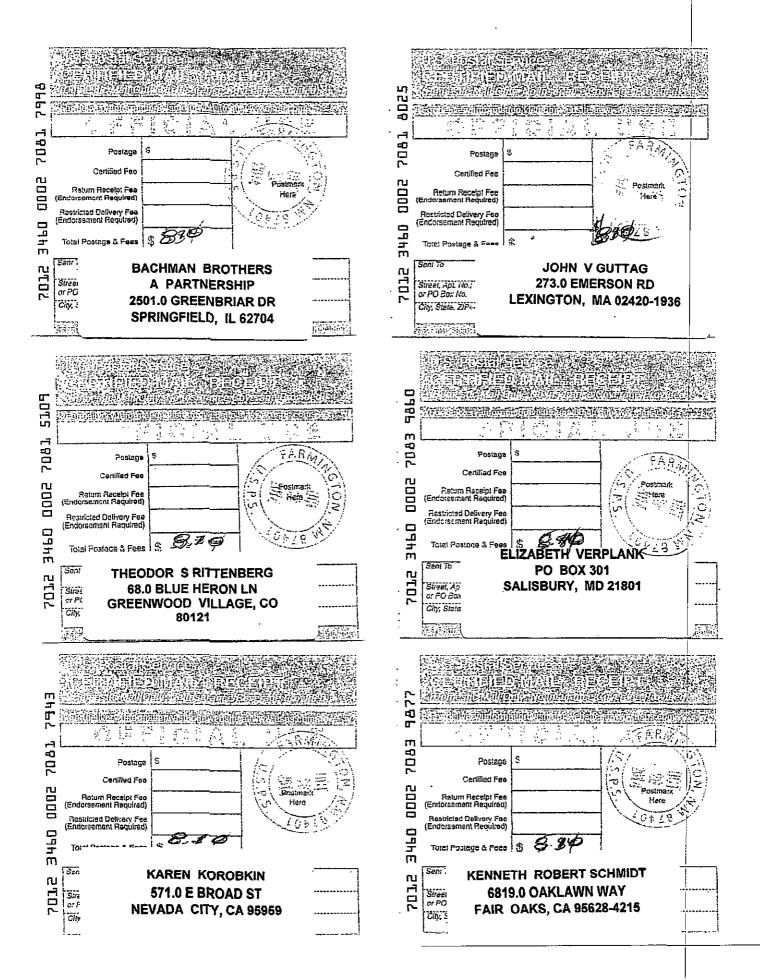
LAURA WOOD 872.0 DICKERSON RD BEEVILLE, TX 78102

DORIS LEEDS TRUST CO RICHARD F LEEDS TTEE 15.0 SHEARWATER JRVINE, CA 92604

EEIF XIII CUTBACK COMPANY 1001.0 FANNIN SUITE 800 HOUSTON, TX 77002-6707

SHIRLEY MIZZY TRUST SHIRLEY MIZZY TRUSTEE 28611.0 DEER SPRINGS DR SANTA CLARITA, CA 91390-5742

HAROLD S NELSON PEGGY NELSON FAMILY TRUST 114.0 PACIFICA STE 450 IRVINE, CA 92618



7012 3460 0	Fosinga S Cartified Fee Fleturn Receipt Fee (Endorsement Required) Restricted Dativery Feo (Endorsement Required) Total Postage & Fees  ROBERT A DUNLAP JOAN M DUNLAP JTWROS of 48.0 SANDIA MOUNTAIN RANCH RD TIJERAS, NM 87059	Postage S Cartified Fee Return Recolat Fee (Endorsament Required) Restricted Delivery Fes (Endorsament Required) Total Postage & Fees S  Sant MARY T JARCHOW Size 1137.0 CALLE DE LOS AMIGOS or Pi SANTA BARBARA, CA 93105
<u>::</u>		GARAGES AND ASSESSMENT OF THE PROPERTY OF THE
2 3460 0002 7083 9884	Postage S Certified Fee Sostman.  Resum Receipt Fee (Endorsement Required) Pestricted Delivery Fee (Endorsement Required) Total Common Results Seat JAMES R PAYNE	Posiage S Cartified Fee Return Roceipt Fee (Endorsament Required) Rastricted Dalivery Fee (Endorsament Required) Total Postage & Fees  Sent To MCKAY OIL AND GAS LLC
701.8	SINOS. JEAN PAYNE or PC 614.0 PASEO DEL BOSQUE NW	Street.) PO BOX 14738
. ~	ALBUQUERQUE, NM 87114	City: She ALBUQUERQUE, NM 87191-4738
		· · · · · · · · · · · · · · · · · · ·
7012 3460 0002 7081 5123	Postage S Certified Fee (Endorsement Required) Hestrictad Delivery Fee (Endorsement Required) Total Postage & Fees Sent To  NOBLE ENERGY INC Street. A Pos BOX 910083	Postage S  Certified Fee  Return Racelpt Fee (Enclorsement Required) Restricted Ositivery Fee (Enclorsement Required)  Total Control C

