Form 3160-5 (February 2005)

OCD-ARTESIA

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM	1 APPROVE	C
OMB 1	No 1004-013	3
Expires	March 31, 20	0

Lease Serial No NMNM99028

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

abandoned well. Use Form 3160-3 (APD) for such proposals. 7 If Unit of CA/Agreement, Name and/or No SUBMIT IN TRIPLICATE - Other instructions on page 2 1. Type of Well APR - 1 2008 8. Well Name and No Oil Well Gas Well Other LOGAN ASO FEDERAL COM # OCD-ARTESIA 2 Name of Operator LIME ROCK RESOURCES A, L.P. (Ogrid id 255333) 9 API Well No 30-015-31531 3a Address 3b. Phone No (include area code) 10. Field and Pool or Exploratory Area HERITAGE PLAZA, 1111 BAGBY ST, STE 4600, HOUSTON TX 77002 Logan Draw; Atoka (Gas) / Logan Draw; Morrow (Gas) 575-392-2236 4 Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 1600 FNL & 1260 FEL, SEC 15, T17S, R27E, NMPM, UNIT LETER H 11. Country or Parish, State EDDY COUNTY, NEW MEXICO 12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Deepen Water Shut-Off Acidize Production (Start/Resume) ✓ Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Other DOWNHOLE New Construction Recomplete Casing Repair Subsequent Report COMMINGLE Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13 Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) The Atoka interval has become un economical to produce seperately. Therefore, Lime Rock Resources LP is proposing to clean out well to old PBTD at 9518' and downhole commingle Atoka perforations from 8962-8990 in the Logan Draw; Atoka (Gas) pool with reactivated Morrow perforations from 9370-9384 in the Logan Draw, Morrow (Gas) pool. An appliction for administrative approval for downhole commingling (attached) is being submitted to the NMOCD for like region approval. The proposed allocation is based on historical production. Proposed Allocation: APPROVED Logan Draw; Atoka (Gas) Oil 0.0% Gas 18.6% Gas 81.4% Logan Draw; Morrow (Gas) Oil 0.0% MAR 2 8 2008 LES BARYAK PETROI EUM ENGINEER is a suppositional terretains and production of the participation of the I hereby certify that the foregoing is true and correct Name (Printed/Typed) Eddie W Seav Title Agent for Lime Rock Resources A, L.P. THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Tıtle Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would Office entitle the applicant to conduct operations thereon Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPÉ	APP NO

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

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



			, ,		1912	
		ADMINISTRATIVE	APPLICAT	ION CHE	CKLIST	
THIS CHEC	KLIST IS N	IANDATORY FOR ALL ADMINISTRATIVI WHICH REQUIRE PROCES				REGULATIONS
aj _	Non-Sta HC-Dow [PC-Pe	s: ndard Location] [NSP-Non-Stanhole Commingling] [CTB-L	andard Proration .ease Comminglii -Lease Storage] [PMX-Pressure al] [IPI-Injectio	Unit] [SD-Simung] [PLC-Pool [OLM-Off-Leate Maintenance Incremental	ultaneous Dedica //Lease Comming se Measurement Expansion] ease]	yling] :]
[1] TYPI	E OF A I [A]	PPLICATION - Check Those Location - Spacing Unit - Sin NSP				
	Checl [B]	COne Only for [B] or [C] Commingling - Storage - Me DHC CTB		OLS	OLM	
	[C]	Injection - Disposal - Pressur				
	[Ď]	Other: Specify				
[2] NOT	IFICAT [A]	ION REQUIRED TO: - Chec Working, Royalty or Ov			Not Apply	
	[B]	Offset Operators, Lease	holders or Surface	e Owner		
K.	[C]	Application is One Whi	ch Requires Publi	shed Legal Noti	ce	
	[D]	✓ Notification and/or Con US Bureau of Land Management - 0	current Approval	by BLM or SLC nds, State Land Office)	
	[E]	For all of the above, Pro	oof of Notification	or Publication	is Attached, and/o	or,
	[F]	☐ Waivers are Attached				
		CURATE AND COMPLETE ATION INDICATED ABOVI		N REQUIREI	TO PROCESS	THE TYPE
approval is ac	curate a	TION: I hereby certify that the and complete to the best of my equired information and notification.	knowledge. I also	understand tha	t no action will b	
	Note	: Statement must be completed by a	n individual with ma	nagerial and/or su	pervisory capacity.	
Eddie W Seay		Eldin		Agent		3 10 2001
Print or Type N	lame	Signature		Title seay04@leac	n net	Date *
				e-mail Address	<u></u>	
				C-man Addiess		

District I 1625 N French Drive Hobbs NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District II

District III
1000 Rio Brazos Road Aziec NM 87410

District IV 1220 S. St. Francis Dr., Senta Le. NAI 87505

Oil Conservation Division

1220 South St Francis Dr Santa Fe, New Mexico 87505 APPLICATION TYPE

X Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE

APPLICATION FOR DOWNHOLE COMMINGLING

STIN	١G	WEL	LBO
×	Ye	s	No

IME ROCK RESOURCES A, L.P.		HERITAGE PLAZA, 1111 BAGBY ST,	STE 4600, HOUSTON TX 77002
OCAN ASO EEDERAL COM		dress	EDD)/
OGAN ASO FEDERAL COM		-15-17S-27E Section-Township-Range	County
OGRID No Property Co	30/195 3	, ,	Federal State Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	LOGAN DRAW;ATOKA (GAS)		LOGAN DRAW;MORROW (GAS)
Pool Code	80370		80400
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8962-8990		9370-9384
Method of Production (Flowing or Artificial Lift)	ARTIFICIA LIFT		ARTIFICIAL LIFT
Bottomhole Pressure (Note Pressure data will not be required it 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			
Producing, Shut-In or			
New Zone	PRODUCING		SI BELOW PLUG
Date and Oil/Gas/Water Rates of Last Production (Note 1 or new zones with no production fusiory, applicant shall be required to attach production estimates and supporting data)	Nov 2007 Date 0 Bopd 35 mcfgpd Rates 0 bwpd	Date Rates	Date O Bopd 153 mcfgpd Rates 0 Bwpd
Fixed Allocation Percentage (Note: It allocation is based upon something other than current or just production, supporting data or explanation will be required.)	Oil Gas 0.0 % 18.6 %	Oil Gas %	Oil Gas 0.0 % 81.4 %
	ADDITIO	NAL DATA	
re all working, royalty and overriding not, have all working, royalty and ove	royalty interests identical in all co	mmingled zones?	YesXNo YesNo
re all produced fluids from all commit		-	Yes X No
'ill commingling decrease the value of	production?		YesNo_X
this well is on, or communitized with the United States Bureau of Land Ma			Yes_X No
MOCD Reference Case No applicable	e to this well		
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 for	attach explanation) supporting data . or uncommon interest cases	
	PRE-APPRO	OVED POOLS	
If application is	to establish Pre-Approved Pools, the	he following additional information wil	ll be required
ist of other orders approving downhole ist of all operators within the proposed oof that all operators within the propo- ottomhole pressure data	Pre-Approved Pools		
53.4.	above is true and complete to	the best of my knowledge and belie	ef
IGNATURE CALL W	TITLE	AGENT	DATE 3/11/2008
YPE OR PRINT NAME	Eddie W Seay	TELEPHONE NO (392-2236

seay04@leaco.net

E-MAIL ADDRESS_

District I 1625 N. French Dr., Hobbs, NM 88240 District II

1301 W. Grand Avenue, Artesia, NM 88210 District III

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

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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

Dr., Santa F	e, NM 87505						[☐ AME	NDED REPORT
	V	ELL LC	OCATIO1	N AND ACR	EAGE DEDIC	ATION PLA	T		
			Pool Code 80370		LOG			GAS)	
Code 5	LOGAN	ASO FE	DERAL (Name			, M	'ell Number 2
No.			Operator Name					Elevation 474 GR	
				10 Surface	Location				
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County
15	178	27E		1600	NORTH	1260	EAS	ST	EDDY
		¹¹ Bo	ottom Ho	le Location It	f Different From	Surface			
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County
Doint or	Infill "C	Consolidation	Code "Or	der No.	<u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>		1	
	API Number 015-315 Code 5 No. Section	API Number 1015-31531 Code 5 LOGAN No. Section Township 15 17S Section Township	WELL LOAPI Number	WELL LOCATIO API Number	WELL LOCATION AND ACR Property Propert	WELL LOCATION AND ACREAGE DEDIC. API Number	WELL LOCATION AND ACREAGE DEDICATION PLA API Number	WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Section Township Range Lot Idn Feet from the Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East 15 17S 27E 10 1600 NORTH 1260 EAST 11 Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East 15 17S 27E 1600 NORTH 1260 EAST 11 Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East 15 17S 27E 1600 NORTH 1260 EAST 11 Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East 15 17S 17S 18D	WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code 80370 LOGAN DRAW; ATOKA (GAS) Code 5 LOGAN ASO FEDERAL COM No. Coperator Name 1 Coperator Name 2 Coperator Name 2 Coperator Name 3 Coperator Name 4 Coperator Name 4 Coperator Name 5 Coperator Name 6 Coperator Name 7 Coperator Name 7 Coperator Name 8 Coperator Name 8 Coperator Name 9 Coperat

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.

16		<i>y</i>	009/	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
	;		 ⊙ <u>- 1260</u>	Signature Date Eddie W Seay Agent Printed Name
			4	18 SURVEYOR CERTIFICATION 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

District.l

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

	WE:	<u>LL LOCATION AND A</u>	ACREAGE DEDICATION PLAT		
'API Number 'Pool Code 30-015-31531 80370			Pool Name LOGAN DRAW; MORROW (GAS)		
Property Code 304195	LOGAN A	'Pro	'Well Number 2		
'OGRID No. 255333		'Operator Name LIME ROCK RESOURCES A, L.P.		'Elevation 3474 GR	

					¹⁰ Surface L	ocation			
UL or lot no. H	Section 15	Township 17S	Range 27E	Lot Idn	Feet from the 1600	North/South line NORTH	Feet from the	East/West line EAST	County EDDY
			¹¹ Bot	tom Hole	e 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	s ¹³ Joint on	· Infill "C	onsolidation Co	ode 15 Orde	er 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.

		 $ \alpha$ $ \alpha$ $ \alpha$	
16	4	(600)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the draston.
		0 12.60	Signature Eddie W Seay Agent Printed Name
	4		18SURVEYOR CERTIFICATION 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

<u>Logan ASO Federal Com # 2</u> Supporting Data for Commingling Permit

Lime Rock Resources LP is proposing to clean out well to old PBTD at 9518' and downhole commingle the Atoka perforations from 8962-8990 in the Logan Draw; Atoka (Gas) pool with the Morrow perforations from 9370-9384 in the Logan Draw; Morrow (Gas) pool.

Proposed Allocation

Date	Oil, bbls	Gas, mcf	Water, bbls
Daily production Oct-07 Atoka	0	35	0
Daily production Apr-04 Morrow	0	153	0
Logan Draw; Atoka (Gas) percentage	0.0%	18.6%	0.0%
Logan Draw; Morrow (Gas) percentage	0.0%	81.4%	0.0%

	LIME	ROCK
BAY	RESO	URCES



11-3/4*, 42#, H-40, ST&C Casing @ 435' 8-5/8", 24#, J-55, ST&C Casing @ 1.660' Casing @ 1,660'

Elevation: 3,474' GL									
Date Spud: 01/07/01									
Date Spuc	1: 01/0/	/01							
Date TD'd	: 02/02/	01							
Date Com	pleted: (02/16/01							
Zone	Frac								
	Re	completions & Workovers							
<u>Date</u>									
05/03/04	TA'	d Morrow & recompleted well to Atoka							
Current S	tatus:								
Last Well	Last Well Test:								

.2-7/8", 6.5#, L-80 Tubing AS-1 Packer @ 8,728' w/ 2.25" ID on-off tool

Atoka Perfs: 8,962-72' & 8,986-90' (146 - 0.42" DIA holes)

Composite BP @ 9,310' w/ 35' cement on top of plug

Morrow Perfs: 9,370-84' (60 - 0.42" DIA holes)

PBTD @ 9,518'

5-1/2"; 15.5 & 17 #; J-55 & P-110; LT&C Casing @ 9,550'

TD @ 9,550'

Lime Rock Resources Logan ASO Federal Com 2 Sec 15H-17S-27E **Eddy County, NM** Updated: 28 Jan 2008 SJH

LIME ROCK RESOURCES				
		Elevation: 3,	474' GL	
	44 044 404 41 40	Date Spud:	01/07/01	
	11-3/4", 42#, H-40, ST&C Casing @ 435'	Date TD'd:	02/03/01	
	ST&C Casing @ 435	Date Comple	eted: 02/16/0	1
		Zone		Frac
	V		Recomple	etions & Workovers
-	8-5/8", 24#, J-55, ST&C Casing @ 1,660'	Date		
		05/04/04		site BP to TA Morrow & recomplete
			to Atoka	
			1	
		Current Stat	ne.	
		Last Well Te		
	2-7/8" Tubing AS-1 Packer @ 8,728' w/ 2.2			
	Atoka Perfs: 8,962-72' & 8,98	36-90' (146 – 0.4	I2" DIA holes)	
PBTD @ 9,520'	Composite BP @ 9,310' Marrow Perfs: 9,370-84' (60 - 5-1/2"; 15.5 & 17 #; J-55 & P-		•	Lime Rock Resources Logan ASO Federal Com 2 Sec 15H-17S-27E Eddy County, NM Updated: 24 Jan 2008 SJH
				Opuated. 24 Jan 2000 SJR



1300220153153180370

County, State: EDDY, NEW MEXICO

Lease: LOGAN ASO FEDERAL COM Well Number: 2

Operator: YATES PETROLEUM CORP (037104)

Status: ACTIVE

Prod ID: 1300220153153180370 Production Thru Date: Nov 30, 2007

Header Block

Data Source:

ΡĮ

Lease Name:

LOGAN ASO FEDERAL COM

Completion Date:

May 01, 2004

Operator:

YATES PETROLEUM CORPORATION

Total Depth:

Upper Perforation:

State: County: **NEW MEXICO**

EDDY

Lower Perforation:

30015315310001

Oil Gravity:

Primary API:

Gas Gravity:

Regulatory: First Production Date:

May 01, 2004

Last Production Date:

Nov 30, 2007

Field:

LOGAN DRAW

Temp Gradient: N Factor:

Reservoir Name:

ATOKA

Prod Zone Code:

403ATOK

Prod Zone: Basin Name: ATOKA

GOR:

CRUDE OIL

Gas Gatherer:

PERMIAN BASIN (430)

Primary Product: Status:

ACTIVE

Liquid Gatherer:

Data Source:

ΡI

Latitude/Longitude

15H 17S 27E NW SENE +32.83675 -104.26131

Lat/Long source:

ΙH

Cum Data Source:

PΓ

Cum Oil:

Location:

189 BBL

Cum Inj Liq:

Cum Gas:

135,183 MCF

Cum Inj Gas:

Cum Water:

62 BBL

Cum Inj Water:

Annual Production

(4 years)	Oil BBLS	Gas MCF	Water BBLS
Beginning Cum:			
2004	171	71,098	56
2005		30,958	6
2006		20,910	
2007	18	12,217	
TOTALS			************

			189		135,18	83		62
 Month	ly Production							
Year	Month	Oil BBLS	Gas MCF	Water BBLS	GOR SCF/BBLS	% Water	# of Wells	Days On
2004	MAY	168	29,953	22	178292	11.58	1	28
2004	JUN	3	11,756	18	3.91867e+06	85.71	1	30
2004	JUL		8,019	2			1	
2004	AUG		5,484	0			1	
2004	SEP		4,411	4			1	
2004	OCT		4,510	5			1	
2004	NOV		3,715	2			1	
2004	DEC		3,250	3			l	
Totals 200	4 _			·				
		171	71,098	56				
2005	JAN		3,255	0			1	0
2005	FEB		2,135	0			1	0
2005	MAR		3,729	0			1	0
2005	APR		2,794	0			1	0
2005	MAY		2,058	0			1	0
2005	JUN		1,878	0			I	0
2005	JUL		1,862	0			l	0
2005	AUG		2,346	2			1	0
2005	SEP		3,607	4			1	30
2005	OCT		2,769	0			1	31
2005	NOV		2,166				1	29
2005	DEC		2,359				1	31
Totals 200:	_							
			30,958	6				
2006	JAN		2,128				1	31
2006	FEB		1,843				1	28
2006	MAR		1,852				1	31
2006	APR		1,797				1	29
2006	MAY		1,449				1	29
2006	JUN		1,607				I	27
2006	JUL		2,779				1	31
2006	AUG		1,692		-		ł	30
2006	SEP		1,515				1	30
2006	OCT		1,510				1	31
2006	NOV		1,311				1	30
2006	DEC		1,427				1	

Year	Month	Oil BBLS	Gas MCF	Water BBLS	GOR SCF/BBLS	% Water	# of Wells	Days On
Totals 2006								
			20,910					
2007	JAN	0	1,636				i	31
2007	FEB	0	950				I	13
2007	MAR	0	1,715				1	31
2007	APR	0	1,236				1	30
2007	MAY	0	1,477				1	31
2007	JUN	0	1,123				1	30
2007	JUL	0	1,160				1	31
2007	AUG	0	715				1	20
2007	SEP	18	533		29611.6		1	23
2007	OCT		743				1	30
2007	NOV		929				1	27
Totals 2007								
		18	12,217					

Oil Tests

1300220153153180400

County, State: EDDY, NEW MEXICO

Lease: LOGAN ASO FEDERAL COM Well Number: 2
Operator: YATES PETROLEUM CORP (037104)

Status: INACTIVE

Prod ID: 1300220153153180400 Production Thru Date: Apr 30, 2004

Header Block

Data Source:

ΡI

Lease Name:

LOGAN ASO FEDERAL COM

Completion Date:

Feb 16, 2001

Operator:

YATES PETROLEUM CORPORATION

Total Depth:

Upper Perforation:

State: County: NEW MEXICO

EDDY

Lower Perforation:

Primary API:

30015315310000

Oil Gravity:

...........

Gas Gravity:

Regulatory: First Production Date:

Feb 01, 2001

Last Production Date:

Apr 30, 2004

Field:

LOGAN DRAW

Temp Gradient:

Reservoir Name:

MORROW

N Factor:

402MRRW

Prod Zone: Basin Name: MORROW PERMIAN BASIN (430)

GOR:

Primary Product:

Prod Zone Code:

CRUDE OIL

Gas Gatherer: Liquid Gatherer:

Status:

INACTIVE

Location:

15H 17S 27E NW SE NE

Data Source:

Pl

Latitude/Longitude

+32,83675 -104.26131

Lat/Long source:

ΙH

Cum Data Source:

Ρľ

Cum Oil: Cum Gas: 1,394 BBL

Cum Inj Liq:

Cum Water:

664,670 MCF 526 BBL Cum Inj Gas: Cum Inj Water:

Annual Production

(3 years)	Oil BBLS	Gas MCF	Water BBLS
Beginning Cum:			
2001	1,208	468,863	201
2002	170	111,104	146
2003	16	66,316	135
2004		18,387	44
TOTALS	Mayor per 40 Te - 10 Mayor Served - Arbiter per Mayor may		

			1,394		664,6	' 0		526
Month	ly Production							
Year	Month	Oil BBLS	Gas MCF	Water BBLS	GOR	% Water	# of Wells	Days On
					SCF/BBLS			
2001	FEB	166	31,545	13	190031	7.26	1	10
2001	MAR	311	78,781	10	253316	3.12	1	29
2001	APR	204	67,828	8	332491	3.77	1	30
2001	MAY	94	60,162	30	640022	24.19	i	31
2001	JUN	76	51,417	26	676540	25.49	1	30
2001	JUL	59	45,999	19	779645	24.36	1	31
2001	AUG	57	39,515	40	693246	41.24	i	31
2001	SEP	48	22,268	16	463917	25.00	1	21
2001	OCT	45	22,844	8	507645	15.09	1	20
2001	NOV	83	24,483	14	294976	14.43	1	26
2001	DEC	65	24,021	17	369554	20.73	i	31
Totals 200	_							
		1,208	468,863	201				
2002	JAN	73	20,538	32	281343	30.48	1	31
2002	FEB	25	14,832	11	593280	30.56	1	27
2002	MAR	21	15,240	15	725715	41.67	1	31
2002	APR	15	12,483	1	832200	6.25	1	29
2002	MAY	6	3,138	1	523000	14.29	i	30
2002	JUN	0	1,726	0			1	0
2002	JUL	0	421	0			I	0
2002	AUG	0	7,041	6			1	0
2002	SEP	7	8,545	24	1.22071e+06	77.42	1	28
2002	OCT	6	10,531	18	1.75517e+06	75.00	I	31
2002	NOV	11	8,864	23	805819	67.65	1	30
2002	DEC	6	7,745	15	1.29083e+06	71.43	1	31
Cotals 200	2							
		170	111,104	146				
2003	JAN		7,056	10	7.056e+06	90.91	1	31
2003	FEB	13	4,821	47	370847	78.33	1	28
:003	MAR	0	5,752	0			i	0
2003	APR	2	6,837	16	3.4185e+06	88.89	1	30
2003	MAY	0	5,943	9			1	0
2003	JUN		4,966	8			1	
2003	JUL		5,354	4			1	
2003	AUG		5,437	20			1	
2003	SEP		4,897	9			1	

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Year	Month	Oil BBLS	Gas MCF	Water BBLS	GOR SCF/BBLS	% Water	# of Wells	Days On
2003	OCT		5,196	3	·		1	
2003	NOV		5,006	6				
2003	DEC		5,051	3			1	
Totals 2003								
		16	66,316	135				
2004	JAN		4,861	16			1	
2004	FEB		3,767	10			1	
2004	MAR		5,316	11			1	
2004	APR		4,443	7			1	
Totals 2004								
			18,387	44				

Oil Tests