Form 3160-4a (Aug : 1999)

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

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

	WELL C	OMPL	ETIC	ON O	R RE	COI	MPL	ETIO	N RE	POR	T	AND L	.OG		••		case Ser SF - 078				
la. Type of	Well	Oil Well	<b>E</b>	Gas V	Vell		Ory	Otl	1er										or '	Tribe Name	_
b. Type of	Completion	_	lew W er	ell	□ Wo	rk Ov	er	☐ Dec	pen	□ P	lug	Back	<b>⊠</b> Dif	f. Re	SVT.	7. U	nit or C	A Agree	mer	nt Name and No.	
2. Name of	Operator						Conto	ct: MA	 BV (1	OBLEV	1/2		<u> </u>	• •	· N.	0 1	ease Nar			( No.	
AMOCO	PRODUC		OMPA	.NY			Coma		Mail: co	orleym	1@1	op.com					APP 2	ne and	wen	I NO.	
3. Address	P.O. BOX HOUSTON		7079						3a. Ph:	Phone 281.3	No.	(include 449	area co	odc)		9. A	Pl Well	No.		30-045-23814	
4. Location	of Well (Rep	ort locat	ion cle	arly and	d in acc	ordar	nce wit	h Feder				· riev.	2 <b>.</b> 9	Ę		10.	Field and	l Pool, c	or E:	xploratory	
At surfac	ce NWSW	/ Lot L 1	710FS	SL 975	FWL					1		CA.C					Sec. T			RDE lock and Survey	
At top p	rod interval r	eported b	elow									5.2				C	r Area	Sec 16	T2	8N R8W Mer N	MP
At total	depth									•		در در کرچ		2 " N			County of SAN JUA		1	13. State NM	
14. Date Sp 01/04/1				15. Da 01/	te T.D. 15/198		hed			$\Box$ D	& F	Complete  2001	Ready	to Pr	od.	17.	Elevation	ns (DF, 5920 G	KB,	RT, GL)*	
18. Total D	epth:	MD TVD	1.	6818		19.	Plug E	Back T.I	D.:	MD TVD		67	85		20. Det	th Bri	dge Plu	g Set:		ID VD	
21. Type El CBL, C	lectric & Othe CL, GR	er Mecha	inical I	Logs Ru	ın (Sub	mit co	opy of	each)					W	as D	ell corec ST run? ional Su		No No No	<b>X</b> X X X	es ( (es ( (es (	Submit analysis Submit analysis Submit analysis	   
23. Casing an	d Liner Reco	ord (Repo	ort all	strings	set in w	ell)													_		_
Hole Size	Size/Gr	rade	Wt.	(#/ft.)	To (Mi	-	l .	tom ID)	_	Cemen Septh	ter		f Sks. & of Ceme		Sluny (BB		Ceme	ent Top*	*	Amount Pulled	1
13.750	<del></del>	9.625		36.0		0		230			$\Box$			140					0		
7.875	f	7.000		23.0	<u> </u>					1350					<u> </u>		+				
6.250		4.500	<u> </u>	11.6		0	-	6816			-			300			<del> </del> -		+		
			<del>                                     </del>						•		7						<del>                                     </del>		+	<del></del>	
																	<del> </del>		十		
24. Tubing																			_		
Size 2.375	Depth Set (M	1D) P 6544	acker	Depth (	MD)	Si	ze	Depth	Set (N	MD)	Pa	icker Dej	pth (MI	<u>)</u>	Size	D	epth Set	(MD)	╀	acker Depth (Mi	<u>))</u>
25. Producit		00441				<u> </u>	<u> </u>	26.	Perfora	ation R	eco	rd		1						· · · · · · · · · · · · · · · · · · ·	
	ormation			Тор		Во	ttom		P	erforat	ed I	nterval		T	Size		No. Hole	es		Perf. Status	_
A)	MESAVE	RDE			3898		488	5				3898 T	0 4012	2	3.1	25		11			
B)								_				4123 T		$\overline{}$	3.1			22			
C)												4453 T	O 488	1	3.1	25		38		<del></del>	
D) 27. Acid. Fr	racture, Treat	ment, Ce	ment S	Squeeze	Etc.															<del>-</del>	
	Depth Interva				-		•		•		An	nount and	d Type	of M	aterial					<del>-</del>	
3898 TO 4319 78,101# OF 16/30 BRADY SAND & 70% FOAM & N2																					
	44	53 TO 4	885 7	79,028#	OF 16/	30 BF	S YCLAS	& GNA	70% F	OAM 8	N2	!									
			-+														<del></del>				
28. Product	ion - Interval	A																	_	<u> </u>	
Date First	Test	Hours	Test		Oit		Gas		ater		l Gra			as		Produc	tion Metho	rd .		14	
Produced 12/14/2001	Date Tosted Pt 12/14/2001 12 —		-	duction	1.0		MCF BE 550.0		BL 1.0			ırı	Gravi		n.y		9	yows p	red	M.WELL	
Choke Size	Tog. Press. Flwg. 0	Csg. Press.	24 F Rate		Oil BBL		Gas MCF		ater BL		as:Oi atio	ŧ	N	ell St	atus		10	11/	1		
3/4	sı	230.0		$\triangleright$		l								P	GW			ν <u>υ</u>	/		
	tion - Interva		· · · · · ·																	<u> </u>	
Date First Produced	Test Date	Hours Tested	Proc	t duction	Oil BBL		Gas MCF		iater BL		il Gra orr. A			as iuvity		Produc	tion Metho	d		다. 도쿄 도쿄	
Choke Size	Thy. Press. Flwg.	Csg. Press.	24 F Rate		Oil BBL		Gas MCF		/ater BL		as;Oi atio	1	V	icil St	atus					<u></u>	

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #9881 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\*

28b. Prod	uction - Interv	al C												
Date First Produced	Test Date			BBL BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravit	ly	Production Method				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well S		itatus				
28c. Prod	uction - Interv	al D			<u> </u>	_ll.	<del> </del>			<del></del>	<del></del>			
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method				
Produced	Date	'I cated	Production	BBL	MCF	BBL	Cort, API	Gravi	ty					
Choke Size	Thg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well	Status					
29. Dispo	sition of Gas(	Sold, used	for fuel, vent	ed, etc.)				•		-				
	ary of Porous	Zanas /In	oluda Aquifo						I 21 Fam	motion (Las) Madage				
Show tests, i	all important	zones of p	orosity and co	ontents there	eaf: Cored tool open	intervals and all , flowing and sh	drill-stem ut-in pressures		31. For	mation (Log) Markers				
	Formation		Тор	Bottom		Descriptions,	Contents, etc.			Top Meas. Depth				
Subje	ional remarks ect well has b kisting Dakot	èen com	pleted into the	ne Mésave	rde format	tion and down! uent report for	note commingt well work	ed with	ME PO GR	IFFHOUSE NEFEE INT LOOKOUT ANEROS KOTA	3930 3990 4590 6540 6625			
	enclosed atta		s (1 full set re	o'd )		2. Geologic Re	eport	3	DST Re	port 4 Dire	ctional Survey			
	ndry Notice fo	-	•	•		6. Core Analys	-	om ourcy						
	by certify that	_	Elec	tronic Subr	nission #9	nplete and correct 881 Verified by UCTION COM	the BLM Well PANY, sent to	l Informs o the Far	ation Sys mington	e records (see attached instrutem.  PRESENTATIVE	actions):			
Signa	ture	(Electro	nic Submissi	on)		Date <u>12</u>	Date 12/27/2001							
Title 18 U	J.S.C. Section ited States an	1001 and false, fic	Title 43 U.S.	C. Section 1	212, make ents or rep	eit a crime for an	ıy person know o any matter wi	ingly and thin its ju	willfully risdiction	to make to any department	or agency			

## TAPP 2

## RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT 12/27/2001

12/06/2001 MIRUSU @ 08:30 hrs. NDWH & NU BOP's. Unseat TBG hanger. SDFN.

12/07/2001 TOH W/TBG. TIH & set a CIBP @ 5050'. Load hole w/2% KcL water. Pressure test CSG to 2500#. Test Ok. RU & run CBL, CCL & GR logs. Had good bond. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee/ Point Lookout perforations, 2 spf, 120° phasing (19 shots/ 38 holes): 4453', 4460', 4480', 4500', 4518', 4525', 4539', 4555', 4560', 4573', 4595', 4602', 4635', 4690', 4756', 4784', 4835', 4840', 4885'

12/10/2001 RU & Frac w/79,028# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 4355′. RU & Perf Cliffhouse & Menefee: 3.125 inch diameter

Cliffhouse perforations, 1 spf 120° phasing (11 shots/ 11 holes): 3898', 3902', 3922', 3942', 3945', 3955', 3965', 3985', 3989', 4005', 4012'

Menefee Perforations, 2 spf, 120° phasing (11 shots/ 22 holes):
4123', 4135', 4150', 4168', 4199', 4230', 4237', 4295', 4300', 4314', 4319'

RU & Frac w/78,101# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru thoke overnight

12/11/2001 Flowback well thru  $\frac{1}{4}$ " choke. @ 08:00 hrs upsized to  $\frac{1}{2}$ " choke & continued flowback. @ 10:00 hrs upsized to  $\frac{3}{4}$ " choke & flowback overnight.

12/12/2001 Flowed back well.

12/13/2001 TIH & tag fill @ 4300'. Circ hole clean to top of CIBP set @ 4355'. DO CIBP. Circ hole clean to top of CIBP @ 5050'. PU above perfs & flow back well on  $\frac{3}{4}$ " choke overnight.

12/14/2001 TIH & tag fill @ 5039. Circ hole clean to top of CIBP set @ 5050'. PU above perfs & flow back to pit. PU above perfs & flow test well 12 hrs thru  $\frac{3}{4}$ " choke. 550 MCF Gas, Trace WTR, Trace oil. @ 17.30 hrs SDFN.

12/17/2001 TIH & tag fill @ 5048'. *C/O* to top of CIBP @ 5050'. DO CIBP. Circ hole clean. To PBTD @ 6785'.

12/18/2001 TIH & tag 0' of fill. PU above perfs & flow tested combined zones for 12 hrs. 600 MCF Gas, trace WTR, trace Oil.

12/19/2001 TIH W/2 3/8" production TBG & land @ 6544'. ND BOP's & NUWH. Pull TBG plug. RDMOSU. Rig Release @ 17:30 hrs.