

UNITED STATES DEPARTMENT OF THE INTERVOR BUREAU OF LAND MANAGEMENT RECEIVED WELL COMPLETION OR RECOMPLETION REPORT AND LOS

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Form 3160 (April 20		LL CO		DEPART: BUREAU	NITED STA MENT OF T OF LAND N RECOMPL	HE IN MANA(TERYOR DEMENT	PE FDAN	SELVEN	NOG F	20 70 16 16 TV /C		5.		OM! Expire	BNO.		
la. Type				Gas Well		Other				4	18		_	===				ibe Name
b. Type o	of Complet	ion:	Other	iew Well [Work Over	Deep	enP	ig Back	23.24 1) Jur	Resyr,	-	7.	Unit	or CA	Agree	ement	Name and No.
2. Name	of Operato	or Ma	rbob Ene	rgy Corpor	ation							-	8.				Well N	
3. Addre						3a. Phone No. (include area code)						Michalada Federal #1 9. AFI Well No.						
4. Locat			88211-0		accordance with	h Federo	505-748-3303 Tederal requirements)*						30-015-34381 10. Field and Pool, or Exploratory					
At sur	face 1	1980 F	NL 660 F	EL, Unit H			-										toka (
At top	prod. inte												11. Sec., T., R., M., on Block and Survey or Area Sec. 3-T22S-R25E					
At tot	al depth	Same												Cour Eddy	nty or	Parish	13.	State NM
14. Date :	Spudded 9/2006		15.	Date T.D. Re 02/24/200			16. Date Completed			08/10/2006 Ready to Prod.			17. Elevations (DF, 3610' GL			(DF, I	RKB, F	RT, GL)*
18. Total		MD 11	280'		. Plug Back T.D	.: MD		- 71	7=		h Bridge P	LL lug S		MI			10470)†
	T	'VD 11	280'			TVD	10470'		<u> </u>				TVD 10470'				,	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well or									well cored DST run?	=	✓ No Yes (Submit analysis) ✓ No Yes (Submit report)							
	Csng								ł		ctional Sur		F]No		_		copy)
23. Casin	g and Lin	er Reco	ord (Repo	ort all string	s set in well)	Ctno	e Cementer	N ₁	£ Cl (0. 7	Cl	7 - 1	7					
	Hole Size Size/Grade Wt. (#/ft.)			Top (MD)		1311 -			o. of Sks. & Slurry Vol be of Cement (BBL)		ol.)	1. Cement		nt Top	:Top* Amou		nount Pulled	
26"	20"	94# 0 315'			750 si						0			No				
8 3/4"	12 1/4" 9 5/8" 36# 8 3/4" 5 1/2" 17#		30# 17#	0	1915' 11258'				1075 sx 2575 sx				1500'			No		
													-					
													L					
24. Tubin	g Record			<u> </u>				l					Ь.				L	
Size	Deptl	oth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)		Siz	e		Dept	h Set ((MD)	Paci	ker Depth (MD							
2 3/8" 10177' 9699 25. Producing Intervals			5'		26	26. Perforation Record				<u></u>								
Formation Top Bottom Perforated Interval Size								Size	No.	Hol	es	T		Perf. St	atus			
A) Atok	а			9733'	10251'		11120' - 11160'			144		44						
B) C)					 		10799' - 10802' 10683' - 10692'				10							
D)				 _	10573' - 10640' 80										+			
~			t, Cement S	Squeeze, etc.	· <u> </u>													
11120' -	Depth Inter	val		Acda w/ 20	00 gal NE Fe	71/2% L			nd Type		Material							
10799' -					0 gal Clay Saf		ICI. Frac w	7 01,10	Um Salic						-			
10683' -					0 gal Clay Saf					nt.								
10573' - 28. Produ		mial A		Acdz w/ 10	00 gal Clay Sa	fe H. F	rac w/ 15,00	00# san	d									
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Grav	ity	Gas		Prod	uction	Met	hod				
Produced 10/27/2006	Date 10/28/2006	Tested 24	Produc	etion BBL	MCF 0	BBL 5	Corr. Al	1	Gra	vity	Flo	wing						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status		ducin	ıciny						
28a. Prode	SI action - Int	erval R											_					
Date First Produced	Test Date	Hours Tested	Test Product	ion Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP		Gas Gravit	ty	Prod	action	Met	hod				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well !	Statu	<u>, </u>				····			

^{*(}See instructions and spaces for additional data on page 2)

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28b. Produ	uction - Inte		Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method					
Produced	Date	Hours Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	Production Method					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
	uction - Int													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Production Method Gravity						
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
29. Disp		Gas (Sold,	used for fuel,	vented, et	c.)									
30. Sum	mary of Por	rous Zone	(Include Aq	uifers):				31 Forms	ation (Log) Markers					
Shov tests	v all impor	tant zones	of porosity	and conten	its thereof: l, time tool o	Cored intervopen, flowing	als and all drill-stem and shut-in pressures							
Form	Formation Top Bottom Descriptions, Contents,								Name	Top Meas. Depth				
#26	- Perforat	ed Interv	e plugging pr			,		Morrov Lower Miss Li	pring mp Canyon Strawn w Clastics Morrow imestone	1974' 4305' 7898' 8944' 9504' 10548' 10738' 11173'				
1038 1048 9733	82' - 10442 88' - 10496 3' - 10251'	' (17 hole ' (36 hole (21 holes	es)	·	70'			10382' - 10442' - Acdz w/ 1000 gal NE Fe 7 1/2% HCl. 9733' - 10251' - Acdz w/ 2000 gal NE Fe 15% HCl. 9733' - 10251' - Acdz w/ 1000 gal Clay Safe H.						
33. Indica	ite which itr	nes have l	peen attached	by placing	g a check in	the appropria	ate boxes:							
			ogs (1 full se ing and ceme			eologic Repor ore Analysis	rt DST Report Other:	Directio	nał Survey					
34. I here	by certify th	at the fore	egoing and at	tached info	ormation is c	omplete and o	correct as determined	from all availa	able records (see attached instruc	ctions)*				
Name (please print) Diana J. Briggs							Title Produc	Title Production Analyst						
Signal	ture	ll	De	Du	44)	Date 10/06/2	Date 10/06/2006						
Title 18 L States any	J.S.C Section false, fiction	on 1001 a tious or fi	nd Title 43 L audulent sta	J.S.C Sect tements or	ion 1212, m r representa	ake it a crime	for any person know ny matter within its j	ringly and will jurisdiction.	Ifully to make to any departmen	nt or agency of the United				

(Form 3160-4, page 2)

OPERATOR

MARBOB ENERGY MICHALADA FED. 1

WELL/LEASE COUNTY

EDDY

507-0106

STATE OF NEW MEXICO DEVIATION REPORT

DEVIATION REPORT											
316 491 874 1,060 1,177 1,365 1,677 1,915 2,004 2,409 2,815 3,254 3,694 4,130 4,538 4,816 4,993 5,165 5,351 5,507 5,697 5,792 5,920 6,092 6,295 6,575 6,981 7,386 7,888 8,331 8,803 9,080 9,275	1.25 0.50 1.00 1.25 0.50 0.50 1.00 1.00 1.25 0.75 1.00 1.25 0.75 1.25 1.75 0.75 1.75 0.50 0.75 1.75 0.50 0.75 1.75 0.50 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.75 0.75 1.00 1.00 1.25 0.75 1.00 1.75 0.75 1.00 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.25 0.75	9,778 10,254 11,048 11,280	1.00 1.00 1.00 1.00								

STATE OF TEXAS **COUNTY OF MIDLAND**

The foregoing instrument was acknowledged before me on

March 9, 2006 , by Steve

Moore on behalf of Patterson-UTI/Drilling Company LP, LLLP.

Notary Public for Midland County, Texas My Commission Expires: 4/08/07

