Form 3160-4 -(Augus: 1999) 🕯

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

													INIOLOGO		
1a. Type of	_	Oil Well			Dry	Oth						6. If	Indian, Allo	ottee o	r Tribe Name
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other										Resvr.	7. Unit or CA Agreement Name and No. NMNM73914				
2. Name of BP AMI	Operator ERICA PRO	DUCTIO	N CO		Cont	act: CHE E-M	RRY HLA	VAA/	(1)	<u> </u>		8. Le	ease Name a	and We	
3. Address	P. O. BOX	C3092 N, TX 77	253				1 2a Dhon	AAA	Gnoliide	शिक्ष करी रिक्ष	4 =	3 A	PI Well No.		45-31906-00-C1
4. Location	of Well (Rep	port locati	on clearly an	d in acco	ordance wi	th Federa	al requirent	ents)	OR C						Exploratory ASIN DAKOTA
At surfa	ce SWSV	V 1130FS	SL 580FWL				1		D _i	87.	v, j	₹1. S	Sec., T., R.,	M., or	Block and Survey
At top p	rod interval i		elow R9W Mer N	IMP				P.S.	S) S),	14,27	158 158		r Area Sec County or P		29N R9W Mer NMP
At total	depth SW		SL 700FW	L					(C)	72 12 N2.	W. William	S	AN JUAN		NM
14. Date Sp 01/28/2				ite T.D. /26/200		16. Date Completed □ D & A Ready to Prod. 03/29/2004				rod.	17. Elevations (DF, KB, RT, GL)* 5765 GL				
18. Total D	epth:	MD TVD	7011	7011 19. Pli							20. Dep	Depth Bridge Plug Set: MD TVD			
21. Type E OTH TI		er Mechai	nical Logs Ri	un (Subr	nit copy of	each)	·				well cored DST run? tional Su	? vev?	R No i	i ⊢ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing ar	nd Liner Reco	ord <i>(Repo</i>	rt all strings	set in w	ell)					2.10			Z 110		(cucinit unuijus)
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD		ttom S (ID)	Stage Ceme Depth	nter		f Sks. & of Cement	Slurry (BB		Cement 7	Гор*	Amount Pulled
12.250	9.6	25 H-40	32.0			133				90		1		0	
8.750	<u> </u>	000 J-55	20.0			2775				36				0	
6.250	4.:	500 J-55	12.0			7011				354			1	2187	-
								_							
24. Tubing		(E) E		0 (D) I		D 41.6	0 + (1-17)	1 5	1 5	4 (1/17)	l o:	1 5	4.0.400	5. 1	D 1 D 1 (1/D)
2.375	Depth Set (N	1D) Pa	acker Depth	(MD)	Size	Depth	Set (MD)	Pa	icker Dej	oth (MD)	Size	De	epth Set (M))	Packer Depth (MD)
25. Producii		0072		L		26. P	erforation	Reco	rd						÷
Fo	Тор	Тор			Perforated Interva		nterval		Size	1	No. Holes		Perf. Status		
A)-	DAŁ	KOTA		6796	699	3			6796 T	O 6992	3.1	30	60		
B)										-		+		├	
C)				-		+						+		├	
	acture, Treat	ment, Cer	nent Squeeze	e, Etc.			`			<u> </u>				Ь	
	Depth Interva	al						An	ount and	l Type of N	/laterial				
	67	'96 TO 69	992 500 GAL	_ 15% H	CL ACID; P	MP 51,01	4# 20/40 B	RAD'	/ SAND.		<u> </u>				
-															
-															
28. Product	ion - Interval	A	I.,												*
Date First Produced 03/31/2004	Test Date 03/18/2004	Hours Tested 12	Test Production	Oil BBL 1.0	Gas MCF 290	Wa BB		Oil Gra Corr. A		Gas Gravit	у	Product	ion Method FLOV	VS FR	OM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wa BB	L i	Gas:Oi Ratio	i	Well S					
3/4 28a. Produc	sı tion - Interva	65.0 al B		2	58	<u> </u>	2				PGW				
Date First	Test	Hours	Test	Oil	Gas	Wa		Oil Gra		Gas		Product	ion Method		
Produced	Date	Tested	Production	BBL	MCF	BB	L	Corr. A	PĪ	Gravit	у				
		24 Hr. Rate	Oil BBL	Gas MCF	Wa BB		Gas:Oi Ratio		Well S	Well Status		ACCEPTED FOR RECOM			
(See Instruct	NIC SUBMI	SSĬON #2	29105 VERI	FIED B	Y THE BI	LM WEI	LL INFOR	RMA'	LION S	YSTEM			DER U	5 2	2004
	** BI	LM REV	/ISED **	RTW I	KEVISE	ט יי ש	LM REV		D ** B Wのの		VISED	- A	MKEV.	SED M	b uffict

28h Prod	uction - Interv	val C												
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method				
Produced	Date	Tested	Production	BBL	MCF		Corr. API			1 roduction Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well S	tatus					
28c. Produ	uction - Interv	al D			.	1								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API			Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well S	itatus		<u> </u>			
29. Dispo	sition of Gas(Sold, used	for fuel, veni	ed, etc.)		.11		<u> </u>			<u>,</u>			
	nary of Porous	Zones (Inc	clude Aquife	rs):					[31. For	mation (Log) Mai	kers			
Show tests, i	all important	zones of po	orosity and c	ontents there		ntervals and all flowing and sl		S						
,	Formation		Тор	Bottom	, Contents, etc.		Name Me							
NACIMIEI OJO ALAI			0 1194	1194 1341			,	,		LEWIS SHALE CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GREENHORN DAKOTA		2821 3968 4239 4678 5062 6684 6742		
BP A 01/06	ional remarks merica reque 5/2004. se see attach	ested perr	mission to d	rill subject	well 09/19/	'2003. Appro	val was grant	ed						
33 (0:1		<u></u>												
1. Ele	 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 5. Sundry Notice for plugging and cement verification 6. Core Analysis 								t 3. DST Report 4. Directional Survey 7 Other:					
		C	Elect	ronic Subn For BP A	nission #291 MERICA 1	105 Verified b PRODUCTIO	y the BLM W N CO, sent to NE GARCIA	ell Inform the Farm on 04/05/	nation Sy nington /2004 (04	AXG2180SE)		ions):		
Name	e(please print)	CHERRY	Y HLAVA				Title A	UTHORIZ	ZED RE	PRESENTATIVE	=			
Signa	Signature (Electronic Submission)							Date 04/01/2004						
TW- 10 Y	TCC Continu	1001 and	Title /2 II C	C Section	1212 mala	it a arima ta-	ny naron I	wingly on	a wantan	y to make to any o	lanartment c=	agency		

LOBATO GAS COM E 1M BASIN DAKOTA & BLANCO MESAVERDE 30-045-31906 03/31/2004

3/3/04 RU & RUN TDT & CBL LOGS. PRESSURE TEST CSG TO 4500#. HELD OK.

3/4/04 RU & PERF DAKOTA FORMATION w/3.125" GUN WITH 4 SPF; 6796' – 6993' TOTAL OF 60 HOLES. RU & FRAC DOWN 4 ½" CSG w/500 GALS 15% HCL ACID & PMP 51,014# 20/40 BRADY SAND. RU & **SET CIBP @5100'**. PERF 1st STAGE OF MEASEVERDE FORMATION w/3.125" GUN w/3 SPF; 4450' – 4820'.

3/5/04 RU & FRAC MV DOWN 4.5" CSG w/500 GALS 15% HCL ACID & 94,117# 16/30 BRADY SND – PMP 70% QUALITY FOAM – PMP 72,818# REG SND & 21,299# PROPNET 16/30 SAND. RU & SET FLW **THRU BP** @4435'. RU & PERF 2nd STAGE MV DOWN 4.5" CSG; w/500 GALS 15% HCL ACID & THEN PMPING 77,985# 16/30 BRADY SND. PMP'd w/70% QUALITY FOAM – PMP'd 63,567# REG. SND & THEN 14,413# PROPNET 16/30 SND. DISPLACE w/70% QUALITY FOAM. OPEN WELL & FLW TO PIT ON '4" CK.

3/6/04 TESTING WELL.

3/7/04 FLW BACK AFTER FRAC MV.

3/8/04 FLOWBACK AFTER FRAC ON ¾" CK. TIH & TAG PLUG @4454'. PU & MILL ON PLUG. TOH TO TOP OF PERFS. . WLARE WELL ON ¾" CK, AVG PSI 90# AVERAGE RATE 1.5 MCF.

3/9/04 TESTING WELL.

3/10/04 RUN 12 HR TEST ON MV, AVG PSI 90#, AVERAG RAT 1.5 MCF, FLARING WELL. COLLECT GAS SAMPLE OFF MV. TIH w/MILL TO PLUG @5100'. PUSHED PLUG.

3/11/04 RU & DRILL OUT PLUG @ 5100'. CLEAN OUT TO 6896'.

3/12/04 CLEAN OUT & TESTING

3/13/04 FLARE WELL ON 3/4" CK. AVG RATE 1341 MCFD. SI FOR 36 hrs WITH 300 PSI SICP. NO TBG PRESSURE RECORDED.

3/15/04 RATE 1341 MCFD. CLEANOUT WITH AIR & MIST. FINISH MILLING PLUG & C/O TO 6991'.

3/16/04 FLARE WELL OVER NIGHT WITH WATCHMAN AT 60 PSI; 1080 MCFD RATE. TESTING

3/17/04 C/O TO 7008' & FLARE WELL.

3/18/04 SET PKR & CATCH DK GAS SAMPLE. RUN 12 hr. PRESSURE BLD UP FLOWING DK ON 3/4" CK @580 MCF.

3/19/04 TESTING; FLARING, TOH w/TBG & PKR. TIH w.BHA & TBG. TAG FILL @6991'.

3/22/04 CLEAN OUT w/AIR & MIST. PULL UP ABOVE PERFS. FLW WELL ON 3" LINE.

3/23/04 C/O & FLW WELL.

3/24/04 FLW WELL; C/O WITH AIR & MIST.

3/25/04 FLW WELL MAKING 1232 MCFD.

3/26/04 FLW WELL ON 3/4" CK. 1261 MCFD. STILL MAKING SAND.

3/27/04 TIH & LAND TBG @ 6972'. ND BOP & NU WH. FLW UP TBG & CSG.

DK 12 HR TEST 290 MCF. MV 12 HR TEST 750 MCF