Form 3160-4 (August 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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5. Lease Serial No. NMSF078390				
Ia. Type of Well Oil Well Gas Well Dry Other										6. If Indian, Allottee or Tribe Name					
b. Type of Completion New Well Work O Other						r Deepen Plug Back Diff. Resyr.					7. Unit or CA Agreement Name and No.				
2. Name of BP AMI	Operator ERICA PRO	DUCTIO	N CO		Contac		RY HLAV		lin			ease Name a	and We	il No.	
3. Address	200 ENER FARMING		M 87402		<del></del>		3a. Phone Ph: 281.3	No. (includ 66.4081	THE COL	8 10 mm	9A	PI Well No.	30-04	5-31847-00-C2	
4. Location	of Well (Rep Sec 13	ort locati T28N R	on clearly an	d in accord	lance with	Federal	requiremen	nts)*=	DAGA	S. Div.	10, E	Field and Po	ool, or V / B	Exploratory SIN DAKOTA	
At surface SWNE 2390FNL 1630FEL										9	11. Sec., T., R., M., or Block and Survey or Area Sec 13 T28N R8W Mer NMF				
At top prod interval reported below											13. State NM				
14. Date Spudded 01/26/2004									Prod.	17. Elevations (DF, KB, RT, GL)* 6412 GL					
18. Total D	epth:	MD TVD	7512	19	). Plug B	Plug Back T.D.:		75	10 20. De		tepth Bridge Plug Set: MD TVD				
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDT CBL  22. Was well conwas DST run										ed? No Yes (Submit analysis)  1? No Yes (Submit analysis)					
3. Casing ar	nd Liner Reco	rd (Repo	ort all strings	set in well	)				1 1	- Cuonai Sui	vey:	<b>X</b> 110	<u> </u>	(Submit analysis)	
Hole Size	Size/Gr	ade	Wt. (#/ft.)	Top (MD)	Bott (M)		age Cement Depth		of Sks. & of Cement	Slurry (BB		Cement '	Гор*	Amount Pulled	
12.250		25 H-40	32.0			147			70				0		
12.250	ļ	25 H-40	32.0			147			70			1	0	×	
8.750 7.000 J-5 8.750 7.000 J-5			20.0			3292 3292				386 386			0		
		00 J-55	12.0			7512			399		3200			<u> </u>	
6.250 4.500 J-55			12.0			7512			399		3200				
24. Tubing		<u> </u>		a m) T	a: I	D 4.0	(2.5° I		4.00	1 a:	1 5	1.0.01	- T	P. 1. D. 1. 44D	
Size 2.375	Depth Set (M	D) P	acker Depth	(MD)	Size	Depth Se	et (MD)	Packer De	ptn (MD)	Size	1 10	epth Set (M	D)\	Packer Depth (MD	
25. Produci						26. Per	rforation R	ecord							
	ormation		Top			Bottom		Perforated Interval		Size		No. Holes		Perf. Status	
A)	MESAVE	RDE	4558		5318	5318		4558 T		O 5318 3.1			<u> </u>		
B) C)						╅	<del></del>				+		<u> </u>		
D)						<u> </u>					+				
	racture, Treati	nent, Ce	ment Squeeze	Etc.		•				***					
]	Depth Interva							Amount an							
<del></del>			558 FRAC W												
	53	18 TO 4	967 15% 70	QUALITY	OAM, 82,	UUU# 16/3	BU BRADY :	5ND. 18,865	# 16/30 BF	CADY SND	W/PR	OPNET. 70	QUALI	I Y FOAM	
						•									
28. Product	ion - Interval	A	<u> </u>												
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		l Gravity orr. API	Gas Grav	itv	Produc	tion Method			
06/25/2004	06/14/2004	12		1.0	870.0		1.0			,		FLOV	VS FR	OM WELL	
Choke Size	re Flwg. Press.		24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ra	Gas:Oil Ratio		Well Status					
3/4 28a. Produc	sı tion - Interva	98.0 B		2	1740	<u> </u>	2			PGW		——————————————————————————————————————			
Date First	Test	Hours	Test	Oil	Gas	Water		l Gravity	Gas		Produc	tion Method			
Produced	Date	Tested	Production	BBL	MCF	BBL	Co	orr. API	Grav	ity		ACCED.	ren i	FOR RECORD	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water		ıs:Oil	Well	Status		AUUEP	ו עם	UN NECUNE	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ra	tio				111	11 9	2004	
See Instruct	ions and spac	es for ac	lditional data	on reverse	e side)		L					1	<u> </u>	/. <u>/ UU4</u>	
(See Instruct	ions and spac	STON #	ditional data 33111 VERI VISED **	FIFD DV	TUE DI	M WELI	M REVI	MATION S SED ** E	3LM RE	VISED '	** BI			2. 2004 LEIELD OFFIC	

28b. Prod	luction - Interv	val C													
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method					
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Grav							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well	Status						
28c. Prod	luction - Interv	/al D		l				1							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	ity	Production Method					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status						
	osition of Gas(	Sold, used	for fuel, ven	ed, etc.)							<del></del>				
SOLI	nary of Porous	- 7 (Im	aluda A auifa						1 21 For	rmation (Log) Marke					
Show tests,	all important	zones of p	orosity and c	ontents ther			all drill-stem I shut-in press	ures	31.10	mation (Log) Hank					
	Formation Top				Bottom Descriptions, Co			etc.		Name		Top Meas. Depth			
This Plea	NTO	mitted to	drill 08/13/0:	3 and APD	was appi	roved 10/7/0	3.		KII FR PI LE CL ME PC	IO ALAMO RTLAND RUITLAND COAL CTURED CLIFFS EWIS SHALE LIFF HOUSE ENEFEE DINT LOOKOUT ANCOS		2045 2163 2849 2994 3167 4554 4767 5212 5656			
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Repo  5. Sundry Notice for plugging and cement verification  6. Core Analysis								3. DST Report 4. Directional Survey 7 Other:							
34. I here	eby certify that		Elect	ronic Subn For BP A	nission #3: MERICA	3111 Verified PRODUCT	l by the BLM ION CO, sen	Well Inform t to the Farm	nation Sy mington		ed instructi	ons):			
Name	Committed to AFMSS for processing by ADRIENNE I Name (please print) CHERRY HLAVA								Title AUTHORIZED REPRESENTATIVE						
Signs	Signature (Electronic Submission)								Date 07/15/2004						
								240 01710/2004							

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 fradulent statements or representations as to any matter within its jurisdiction.

## Price 2M NEW DRILLING DOWNHOLE COMMINGLING SUBSEQUENT REPORT 07/15/2004

**5/21/04** RU & RUN CBL. TO C DETERMINED @ 3200'. RU & PRES TST CSG TO 4500# 30 MIN - HELD OK RU & RUN TDT LOG.

5/25/04 RU PERF 1st DAKOTA 7290' - 7486'.

5/26/04 TIH w/3.125" GUN & FRAC DK w/20/40 CARBOLITE SND - START w/500 GALS OF 15% HCL ACID & THEN PMP SLICKWTR FRAC - PMP 71,884 CARBOLITE SND.

6/1/04 CHECK PRESSURE 20# FLW WELL TO FLARE PIT TO RELIEVE PRESS. ND FRAC VALVE; NP BOP. TIH & MILL ON 2 3/8" TBG TO 3572', UNLOAD w/AIR MIST. FLW TO FLARE PIT ON  $\frac{1}{4}$ " CK. @200# PRESS.

6/2/04 90' FILL. C/O TO PBTD @7510'. FLW ON #" CK TO FLARE PIT 12 hrs 110 MCF.

6/3/04 PRESS ON WELL @30#. 12 hr TEST 269 MCF.

6/4/04 BLW WELL DN THRU 3" BLW DN LINES TO FLARE PIT.

6/7/04 TIH & SET CBP @ 5705. TIH w3 3/8" GUN & PERF 1st STAGE MV 5318' - 4967'

6/8/04 TIH & FRAC 1st STAGE MV w/15% HCL, 70 QUALITY FOAM, 82,000# 16/30 BRADY SND, 18,865# 16/30 BRADY SND w/PROPNET, FLUSHED w/70 QUALITY FOAM TO TOP PERF. TIH w/3.375" GUN & PERF 2nd STAGE MV 4927' - 4558'. TIH & FRAC w/12 bbls 15% HCL, 70 QUALITY FOAM, 60,000# 16/30 BRADY SND, 17,700 16/30 BRADY SND w/PROPNET, FLUSHED w/70 QUALITY FOAM TO TOP PERF.

6/9/04 FLW ON \( \frac{1}{2} \)" CK @450#. TESTING.

6/10/04 3/4/" CK AVG PRESS 76# MAKING 1319 MCFD. TIH TAG UP ON FLW THRU PLUG @4940". DRILL OUT PLUG. TIH to 5390" 71' FILL ON PLUG @5465". C/O TO TOP OF PLUG.

6/11/04 TESTING MV 1971 MCFD HEAVY MIST, FLARING. C/O FILL TO TOP OF BRIDGE PLUG. FLW ON \( \frac{3}{4}\)" CK AVG PRESS 98# 1637 MCFD.

6/12/04 12 hr. TEST 870 MCF. LIGHT MIST.

6/14/04 DRILL OUT PLUG @5465'.

6/15/04 ¾" CK; MV & DK 1739 MCFD.

6/16/04 MV & DK 1884 MCFD MED MIST & FLAIRING. FILL @7505', C/O W/AIR & MIST.

6/18/04 FLW WELL ON 2 -3" LINE.

6/21/04 TESTING

6/22/04 TIH & LAND TBG @7454'. NIP UP WELL HEAD. REL RIG