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. NMSF078387A				
1a. Type of Well Oil Well ☐ Gas Well Dry Other b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.									Resvr.	6. If Indian, Allottee or Tribe Name					
	•	Othe				-	_			_		7. (init or CA A	greem	ent Name and No.
2. Name of BP AM	Operator ERICA PRO	DUCTIO	N CO		Contac	t: CHERF E-Mail:	RY HLAV	VA @bp	o.com_	TT 18 79	D.,		ease Name		ell No.
3. Address	200 ENEF		л 87402			1 32	n. Phone h: 281.3	: No	(include	area code)°/>//>	9. A	PI Well No		45-31948-00-C1
4. Location	of Well (Rep	ort locati	on clearly an 8W Mer NM	d in accord	dance with			_/_		AUG 20	<u> </u>				Exploratory ASIN DAKOTA
At surfa			L 1540FWL						On (~ <0	104	$\frac{21}{912}$	Sec., T., R.,	М., ог	Block and Survey 31N R8W Mer NMP
• •	orod interval i	eported be	elow				ļ		, O	6	الي: ع الآل أس	12	County or P	arish	13. State
At total	-		115. Da	ate T.D. Re	eached		116. D	V d	O Complete	ed ed		/15/	SAN JUAN Elevations (NM B, RT, GL)*
06/05/2				/14/2004			□ D 07	& 7 7/16	/2004 /	Ready to 1	Prod.		64	47 GL	2, 111, 02,
18. Total I	Depth:	MD TVD	7907	11	9. Plug Ba	ack T.D.:	MD TVI		79			pth Br	idge Plug S		MD TVD
21. Type E GR CB	lectric & Oth	er Mechai	nical Logs R	un (Submi	t copy of e	each)					well core DST run ctional S	?	No No No	⊢ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	set in wel	1)										
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Botto (MI		ge Cemen Depth	iter		f Sks. & of Cement	L	y Vol. BL)	Cement	Top*	Amount Pulled
	13.500 9.625 H-40		32.0			228					0		0		
8.750 7.000 J- 6.250 4.500 J-		000 J-55 500 J-55	20.0 12.0			3675 7904		-	41				0 2998		
	7	300 0-33	12.0		- '	304		\dashv			+			2000	
24. Tubing	Record			<u> </u>							<u> </u>		<u> </u>		
Size	Depth Set (N	(ID) P	acker Depth	(MD)	Size	Depth Set	(MD)	Pa	acker De	pth (MD)	Size	D	epth Set (M	D)	Packer Depth (MD)
2.375		7850	-			_									
	ing Intervals					26. Perfe	oration R								
A)	ormation DAI	KOTA	Top 7702		Bottom 7887		Perforated Interval			Size O 7887 3.1			No. Holes		Perf. Status
B)			7702			1102				0.10				 	
C)															
D)	T			<u> </u>											
	Tracture, Treat	-	Thent Squeeze	e, etc.				Δn	nount and	d Type of l	Material				
			887 20/40 C	ARBOLITE	SND W/50	00 GALS 1	5% HCL .					SND.	W/2% KCL	WTR.	
28 Produc	tion - Interval	Α													
Date First	Test	Hours	Test	Oil	Gas	Water	10	il Gra	vity	Gas		Produc	tion Method		
Produced 07/17/2004	Date 06/30/2004	Tested 12	Production	BBL 1.0	MCF 236.0	BBL 1	.o C	orr. A	API	Gravi	ity		FLO	NS FR	OM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		as:Oi atio	l	Well	Status	.l		<u> </u>	
3/4	SI	18.0		2	472		2				PGW				
Date First	Ction - Interva	Hours	Test	Oil	Gas	Water	In	il Gra	vity	Gas		Produc	tion Method		
Produced	Date	Tested	Production	BBL	MCF	BBL		orr. A		Gravi	ity	FIOGUL			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		as:Oi atio	I	Well	Status	1	ACCEP	FED	FOR RECORD
(See Instruc	tions and spa	ces for ad	ditional date	l on revers	se side)								AU	<u>G 1</u>	6 2004
ELECTRO	NIC SUBMI	SSION #3	34181 VERI	FIED BY	THE BL	M WELL) ** BLN	INFORI	MA' ISE	TION S'	YSTEM LM RE	VISED	** B		-	,
									NW(JCD		į	BY		FIELD OFFICE

AA1 15 1											
	uction - Inter									Ta	
Date First Produced	Test Hours Date Tested		Test Production	Oil Gas MCF		Water BBL	Oil Gravity Corr. API	Gas Gravity	,	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well St	atus		
28c. Produ	uction - Inter	val D			<u> </u>						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	,	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Si	Vell Status		
	sition of Gas	Sold, used	for fuel, ven	ed, etc.)	<u> </u>						
SOLD	nary of Porou	c Zones (Inc	clude Aquife	rc)·					31 For	rmation (Log) Markers	<u>, </u>
Show tests, i	all important	zones of po	orosity and c	ontents there	eof: Cored te tool open	intervals and, flowing ar	d all drill-stem d shut-in pressure	es			
	Formation		Тор	Bottom		Descripti	ons, Contents, etc	÷.		Name	Top Meas. Depth
BP A	ional remark merica rece	ived permi I to down h	ission to dri nole commi	ll above me ngle well pe	er DHC-14	33AZ	/04.	on.	LE CL ME PC MA GF GF	CTURED CLIFFS WIS SHALE LIFF HOUSE ENEFEE DINT LOOKOUT ANCOS REENHORN RANEROS LKOTA	3304 3531 4857 5208 5526 5901 7566 7618 7697
repor	t.		nom bit a	viv. Ticas		orica Subst		J			
1. Ele	enclosed att ectrical/Mech ndry Notice	anical Logs		-	ı	Geologi Core Ai	•		DST Re	eport 4. D	rirectional Survey
	by certify that (please print	Co	Elect	ronic Subm For BP A	nission #34 MERICA	181 Verifie PRODUCT	d by the BLM W TON CO, sent to ENNE BRUMLE	ell Inform o the Farm Y on 08/16	ation Sy ington 5/2004 (0		istructions):
	y p. en	,									
			onic Submission)								

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.

Fletcher 1 M NEW DRILLING DK & MV COMPLETION SUBSEQUENT REPORT 08/05/2004

6/17/04 TIH & RUN TDT & CBL LOG 5. PRES 5 CSG TO 4500# HELD OK.

6/21/04 TIH w/ 3.125" GUN & PERF DAKOTA FORMATION 7702' - 7887' @ 4 JSPF. TOTAL OF 60 SHOTS. RU & FRAC DK w/SLICKWTR & 20/40 CARBOLITE SND - START w/500 GALS OF 15% HCL ACID; PMP 59,125# CARBOLITE SND. DISP w/2% KCL WTR.

6/24/04 NU BOP LAY 3" FLW LINES TO PIT. TIH TO 3700; UNLOAD WELL W/AIR.

6/25/04 C/O w/AIR & MIST. C/O TO PBTD @7907. FLW ON $\frac{3}{4}$ " CK. AVG PRESS 75# MAKING 1297 MCFD; HEAVY SND & LIGHT WTR.

6/28/04 FLW ON ¾" CK. C/O WELL.

6/29/04 TIH TAG FILL 7899'. Flw on 3" ck.

6/30/04 Dakota 12 hr test 236 MCF flairing gas.

7/1/04 Pmp 15 bbls 2% KCL wtr; kill well. Unload. TIH w/3,125" gun & perf Mesaverde 5299' - 5683' @ 3 JSPF. Total 60 shots.

7/6/04 RU & Frac MV w/N2 foam & 16/30 Brady snd. W/500 gals 15% HCL acid followed by 88,766# of sand pumped 62,892# of reg sand and 22,874 propnet snd W/N2 quality foam. Flow test.

7/7/04 Flow Testing on 3" ck.

7/8/04 1232 MCFD flairing W/light mist. On ¾" ck.

7/9/04 Flowed on 3" ck avg press 60# making 1078 MCFD. 12 hr test 543 MCF.

7/10/04 TIH & drill CIBP @7865'. DK & MV making 1805 MCFD flaireing. On ¾" ck.

7/12/04 TIH C/O fill w/air & mist. TOH to above MV perfs.

7/13/04 Flow on ¾" ck making 1637 mcfd. TIH tag fill @ 7894'. C/O Run 2 sweeps.

7/15/04 TIH land 2 3/8" TBG @ 7850'. ND BOP, NUWH, Move off location