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 C	COMPL	ETION C	R REC	OMPL	ETIO.	N REF	PORT	AND L	OG			case Serial i IMNM - 03		
la. Type of	Well 🔲	Oil Well	☑ Gas ¹	Well [	) Dry	Ot	her			·		6. If	Indian, All	ottee or	Tribe Name
b. Type of	Completion	Othe	lew Well x			esvt.	7. U	. Unit or CA Agreement Name and No.							
2. Name of	Operator ERICA PRO	DUCTIO	INI COMPAN		Cont		RY CO		1 200	7 13 147	2		case Name		
	P.O. BOX		IN COIVIFAI	-					baccom binclude	area de			LORANCE PI Well No		10
	HOUSTO	N, TX 77					Ph:	281. <b>36</b> 6	2 4404	7	1/2	À			30-045-07163
4. Location of Well (Report location clearly and in accordance with Federal requirements)*    FEB 2002   Field and Pool, or Exploratory   BLANCO MESAVERDE												Exploratory ERDE			
At surface NWNE Lot H 2172FNL 330FEL 36.63361 N Lat, 107.71378 V Lon Oct. 1. Sec., T., R., M., or Block and Survey															
13. State											13. State				
At total depth												AN JUAN		NM	
14. Date Spudded 06/26/1961 15. Date T.D. Reached 06/26/1961 16. Date Completed 17. Elevations (DF, KB, RT, GL) 5936 GL 01/25/2002 17. Elevations (DF, KB, RT, GL) 5936 GL										, RT, GL)*					
18. Total D	epth:	MD TVD	6839	19	9. Plug l	Back T.	D.:	MD TVD	678	30	20. Dep	oth Bri	dge Plug Se		MD TVD
	ectric & Oth	er Mechai	nical Logs R	un (Submit	copy of	each)				22. Was			⊠ No		(Submit analysis)
CBL											OST run? tional Su		⊠ No ⊠ No	∐ Yes ∐ Yes	(Submit analysis) (Submit analysis)
23. Casing an	d Liner Reco	ord (Repo	rt all strings	set in well	<u> </u>										
Hole Size Size/Grade		Wt. (#/ft.)	. (#/ft.) Top (MD)		Bottom (MD)		ementer pth	No. of Sks. & Type of Cement		Sluny Vol. (BBL)		Cement Top*		Amount Pulled	
12.250	12.250 9.625 H-40		32.3		0	301							0		
6.250 4.500 J-55		500 J-55	11.6		0	6837					5				
											<u> </u>				
									<del> </del>				<u> </u>		
															<del> </del>
24. Tubing	Record												L		
	Depth Set (N		acker Depth	(MD)	Size	Depth	Set (MI	D) P	acker Dep	th (MD)	Size	De	epth Set (M	D) I	Packer Depth (MD)
2.375 25. Producit		6585				26	Perforati	on Pace	ved.			<u> </u>		Щ	
	ormation		Top		Bottom	20.					Size	Τ,	No. Holes	Ι	Perf. Status
A)	MESAVE	RDE		3995	4725		Perforated Interval 3995 TO 4			4425			26		Terr. Status
B)								4990 TO 45		4595	5 3.125		12		
C)						<u> </u>	4610 TO				725 3.125		14		
D) 27 As d Fa	acture, Treat		mont Canada	Eta .						1				<u> </u>	-
	Depth Interva		nent squeeze	, Etc.				Α.	mount and	Time of N	fotorial				
			425 78,653#	OF 16/30	BRADY	SAND &	70% FO			Type of N	iaichai	_			
			725 82,326#					_							
00 P 1 1						,									· -
Date First	on - Interval	Hours	Test	Oil	Gas	Ιν	Vater .	Oil Gi	racity	Gas		Drodus	ion Method		
Produced Date Tested 01/18/2002 01/18/2002 12		Production	tion BBL		MCF BB.		Cort.			Gravity		FLOWS FROM WELL			
Choke Tog. Press. Csg.		24 Hr.	Hr. Oil		325.0 Gas W		Gas:O	il Well S		Il Status			M WELL		
Size	Flwg. 0 Press. SI 180.0		Rate	BBL	MCF				atio		PGW				
28a. Production - Interval B															
Date First	Test	Hours	l'est	Oil	Gas		Vater	Oil G		Cias		Product	ion Method	3, 3	<u> 2 € 1                                 </u>
Produced Date Tested		Tested	Production	BBL	MCF	В	IBL	Corr.	API	Gravit	Gravity		ರಕ <b>ರ</b>	1 %	21602
Choke	Tog. Press.	Csg.	24 Br.	Oil	Gas		Vater	Gas:O	Dil	Well S	tatus	٠,		· · · ·	<u> 2 - 1824                                   </u>
Size	Flwg. St	Press.	Rate	BBL	MCF	Э	BBL	Ratio						<u>.</u>	

28b. Produ	ection - Interv	al C											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		iravity	Production Method			
Choke Size	Tbg. Press. Flug. Si	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Vell Status				
28c. Produ	ction - Interv	al D		<u> </u>		·		1					
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. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF				Vell Status	Hatus			
29. Dispos	ition of Gas(S	sold, used f	for fuel, vent	ed, etc.)	<u> </u>	<del>!</del>	·		<del></del> -		<del>_</del>		
30. Summ Show a tests, i	ary of Porous all important a	zones of po	rosity and co	ontents there	of: Cored in	ntervals and a	ill drill-stem shut-in press	ures	31. Fon	mation (Log) Markers			
and rec	coveries.	·		T	<del>-</del> 1								
	Formation		Тор	Bottom		Descriptions, Contents, etc.				Name	Top Meas, Depth		
Well h	onal remarks	npleted int	to the Bland	co Mésaver					KIR FRI PIC LEV CLI PO MA GA GR DAI MO	OJO ALAMO KIRTLAND 1380 FRUITLAND PICTURED CLIFFS LEWIS CLIFFHOUSE POINT LOOKOUT MANCOS GALLUP GREENHORN GRANEROS DAKOTA MORRISON 1246 1380 1380 2300 4667 6467 6467 6420 6614			
activit	ne existing B		nta Pool. Pl	ease see a	ttached su	bsequent re	port for wel	l work					
	enciosed arrac ctrical/Mecha		(1 full set re	o'd.)		2. Geologic	Report		3. DST Rep	oort 4 Directio	onal Survey		
	ndry Notice fo	•	,	•		6. Core Anal			7 Other:	4. Direction	mai suivey		
34. 1 herek	by certify that	the foregoi	Elect	ronic Subm	ission #102	91 Verified	by the BLM	Well Info	all available ormation Sys he Farmingto		ous):		
Name	(please print)	MARY CO	ORLEY		/	11	Tid	e <u>AUTHO</u>	RIZED REP	RESENTATIVE	·		
Signature (Electronic Submission) (BLUY BILLY Date 02/06/2002													
Title 18 U	.S.C. Section ted States any	1001 and T	Fitle 43 U.S.	C. Section 1	212. make i	t a crime for	any person k	nowingly	and willfully	to make to any department or	agency		

## FLORANCE C LS 10 RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT 02/06/2002

01/02/2002 MIRUSU @ 07:30 hrs. NDWH & NU BOP's. Unseat TBG hanger. TIH & TOH W/TBG. SDFN.

01/03/2002 RU, TIH & set a CIBP @ 4850'. Load hole w/2% KcL water. Pressure tested CSG to 2500#. Held Ok. RU & run CBL log. Found good CMT. RU & Perf Point Lookout : 3.125 inch diameter

<u>Upper Point Lookout perforations, 1 spf, 120° phasing (12 shots/ 12 holes):</u>
4490', 4495', 4508', 4522', 4532', 4550', 4560', 4565', 4575', 4580', 4590', 4595'

<u>Lower Point Lookout perforations, 2 spf, 120° phasing (7 shots/ 14 holes):</u>
4610', 4630', 4645', 4663', 4682', 4720', 4725'

01/04/2002 RU & Frac w/82,326# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & attempt to set - unable to get past 4150'. TOH. TIH - could not get past 3840'. Sand plug was moving up the hole. RD. RU & flow back head & flowed well thru  $\frac{1}{4}$ " choke overnight.

01/07/2002 TIH & tagged fill @ 3515'. RU & circ hole clean to 3760'. Making heavy sand. PU & tagged fill @ 3600'. Circ hole clean to 3894'. PU & SDFN.

01/08/2002 TIH & circ hole clean to 4202'. C/O to 4850'. TOH & flowback well thru  $\frac{3}{4}$ " choke.

01/09/2002 TIH & found 0 fill. TOH. TIH w/CIBP & set @ 4435'. Loaded hole w/2% KcL & pressed tested CSG to 2500#. Test failed. TOH. TIH w/PKR & set above CIBP & test CSG. Found hole @ 3500'. SDFN.

01/10/2002 Called Jim Lovato, w/BLM, to discuss situation and obtained verbal approval to repair CSG (see Sundry Notice 01/10/2002). TIH w/PKR & set @ 3311'. RU, mixed & pumped 50 SXS CLS G CMT. Displace 1 BBL below PKR. SDFN.

01/11/2002 TIH & tagged CMT top @ 3480'. DO CMT & circ hole clean. Attempted to test CSG to 500#. Would not hold. TOH & SDFN.

01/14/2002 TIH wPKR & set @ 3311'. RU, mixed & pumped 50 SXS Dowell right angle CMT then 50 SXS CLS G CMT w/2% CaCl. Displaced slurry 1 BBL below PKR. SQZ hole to 900#. RD & SDFN.

01/15/2002 TIH, released PKR & TOH. TIH & tagged CMT top @ 3343'. DO CMT to 3473'. C/O to top of CIBP set @ 4435'. Pressure test C5G to 500#. Held OK. TOH & SDFN.

01/16/2002 RU & ran CBL log across SQZ hole. Had good bond w/good zone isolation. RU & Perf Menefee: 3.125 inch diameter

Menefee perforations, 2 spf, 120° phasing (13 shots/ 26 holes): 3995', 4008', 4110', 4145', 4178', 4230', 4245', 4295', 4315', 4325', 4380', 4390', 4425'

TIH w/PKR & set @ 3766'. SDFN.

01/17/2002 RU & Frac w/78,653# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru  $\frac{1}{4}$ " choke all night.

01/18/2002 Flowback well thru  $\frac{1}{4}$ " choke. @ 15:00 hrs upsized to  $\frac{1}{2}$ " choke & flowback overnight.

01/21/2002 TIH & unseat PKR & TOH. WO EQPT. SDFN.

01/22/2002 TIH & tagged fill @ 4148'. Circ hole clean to top of CIBP set @ 4435'. DO CIBP. TIH & tagged top of CIBP set @ 4850'. Circ hole clean. PU above perfs & flow test well 12 hrs. thru \(\frac{3}{4}\)" choke. 325 MCF Gas, Trace WTR, Trace oil.

01/23/2002 TIH & tagged CIBP set @ 4850'. Begin DO CIBP. SDFN.

01/24/2002 TIH & finish DO CIBP. TIH & circ clean to PBTD @ 6780'. TOH & SDFN.

01/25/2002 TIH w/ 2 3/8" production TBG & land @ 6585'. ND BOP's & NUWH. Pull TBG plug. RDMOSU. Rig Release @ 10:30 hrs.