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									5. Lease Serial No. NMSF047019B						
la. Type of wei										6. If Indian, Allottee or Tribe Name					
b. Type of Con:pletion New Well Work Over Deepen Plug Back Diff. Resvr.									7. Unit or CA Agreement Name and No. NMNM78391G						
2. Name of 0	Onerator				Cont	act: CH	IERRY HLA	ĀVĀ		-		8. Le	ase Name and	_	No.
BP AME	RIC A PROI		1 CO			E-I	Mail: hlavad	:l@b					CU 517 PI Well No.		
3. Address	HC-USTON	I, TX 772					Ph: 284	366	.4081∡ੂੰ	area cod	•		3		-28156-00-C2
4. Location	Sac 18	T28N R1	I 1W Mer NN	ΛP			- I: \(\cdot\)	ents)	*00T	2002	ैं	P	Field and Pool PINON		·
At surfac	e SENE	1465FNL	795FEL 36	.66531	N Lat, 10	08.0382	28 W (20n.					11. 8	Sec., T., R., M r Area Sec	i., or B 18 T28	lock and Survey BN R11W Mer NMF
At top prod interval reported below 12. County or Parish N SAN HIAN N											13. State NM				
At total d			Lis Da	to T.D. I	Reached		116	Date			- ()			F, KB,	
14. Date Spudd(d 11/30/1990															
18. Total De	epth	MD TVD	1692		19. Plug	Back T		D /D	4E	66 ^U	20. De _l	th Bri	dge Plug Set:	T	ID VD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? No Yes (Submit analysis) Was DST run? No Yes (Submit analysis) Directional Survey? No Yes (Submit analysis)															
23. Casing an	d Liner Reco	rd (Repor	rt all strings	set in we	ell)					<u> </u>					
Hole Size	Size/Gr		Wt. (#/ft.)	Тор	В В	ottom	Stage Cem-		1	of Sks. & of Cemen	Slurry t (BE		Cement To	p*	Amount Pulled
			20.0	(MD) (MD) 143		Бериг			125			\dashv	
8.750 7.000 6.250 4.500		11.0		\dashv	1685					595					
0.200															
													<u> </u>	\rightarrow	
														-+	
	<u></u>												<u> </u>		
24. Tubing		(D) D	- loor Dombh (MD	Size	Dent	th Set (MD)	T	Packer De	pth (MD)	Size	T D	epth Set (MD) F	acker Depth (MD)
Size 2.375	Dep h Set (M	1608	acker Depth (WID)	SIZC	Dept	in Set (MD)	╁	dener 2	, , , , , , ,					
25. Producir		10001				26.	. Perforation	Reco	ord						
	rmation		Тор	Тор Во			Perfo	rforated Interval			Size		No. Holes		Perf. Status
A) FRUITLAND SAND		AND	1224		13	1314		1224 TO 12							
B)							1280 TO 13					 +			
C)									1292	TO 1314	3.1	30			*
<u>D)</u>			. 0	Eta							<u> </u>			For	เกะระสิธิ
	acti re, Treat		nent Squeeze	e, Etc.				Δ	mount ar	nd Tyne o	f Material		TO SEE LESS	<u> </u>	
	Dep h Interva	24 TO 1	314 FRAC F	S W/500	GALS O	= 15% H	ICL ACID, FO							c	223
	12	.24 10 1	<u> </u>	,									UEL	L U	ا المالية الم
													PARISHINGT	ON F	ELD OFFICE
													PAHMINUI		
28. Product	ion Interval	A						lon c		Ga		Brodu	tion Method		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Corr.	iravity API		avity	111000			
09/20/2002	09, 18/2002	24		1.0	Gas	11.0	1.0	L				<u> </u>	ELECTRI	CPUM	IPING UNIT
Size Flw.;. Press.		24 Hr. Rate				Water BBL	Gas:Oil Ratio		Well Status PGW						
1/2	SI	60.0													
	tion - Interva		Tree	loa -	Gas		Water	Oil C	iravity	Ga	ıs	Produ	ction Method		
Date First Produced	Tesi Dati	Hours Tested	Test Production	Oil BBL	MCF		BBL		. API		avity				
Choke Size	Tbg Press. Flw y.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas:		W	ell Status				

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #14595 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** F.EVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

28b. Proc	luction · Inte	rval C										
Date First Test Hours		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	ity	Production Method		
Choke Size	Tbg. I ress. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			
28c. Proc	luction - Inte	rval D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	Production Method			
Choke Size	Tbg. I ress. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status	L		
29. Dispo	osition of Gas	s(Sold, used	for fuel, vent	ed, etc.)	1		<u> </u>	<u> </u>				
	nary of Porou	us Zones (In	clude Aquife	ers):		<u> </u>			31. For	mation (Log) Markers		
tests,	all importan including de ecoveries.	t zones of p pth interval	orosity and c tested, cushic	ontents ther on used, tim	eof: Cored te tool ope	l intervals and al n, flowing and s	l drill-stem hut-in pressure	es				
Formation			Тор	Bottom		Descriptions	s, Contents, etc	c.		Top Meas. Depth		
PICTURED CLIFFS									KIF	ICTURED CLIFFS IRTLAND 475 RUITLAND 1268		
											:	
		İ										
					Ì							
22 Addi	tional remark	rs (include n	lugging proc	edure):					1			
On 6	i/21/02 BP / into Pinon F	America Pro ruitland Sa	oduction Co ind. North P	mpany rec	mminale	ermission to re- production dow nted on 6/24/02	vnhole with th	e subject ne				
Plea	se see :he f	ollowing su	bsequent re	eport. Wel		itly downhole c		Pinon				
Fruit	land Sand, I	N & KUTZ P	ictured Clim	s, vvest.								
	e enclosed at			_								
	lectrical Mec andry Notice				,	 Geologic R Core Analy 			3. DST Report 4. Directional Survey 7 Other:			
3. St	inary Notice	for plugging	g and cemen	vermeanor		o. Core Analy	y 513		Other.			
34. I her	eby cert: fy th	at the forego								e records (see attached in	nstructions):	
				For BP A	MERICA	4595 Verified by PRODUCTIC essing by Matth)N CO. sent t	to the Fari	mington			
Nam	e (please prin	t) CHERR								PRESENTATIVE		
Signa	ature	(Electror	ion)			Date <u>09/26/2002</u>						
-												
Title 18	U.S.C. Section	on 1001 and	Title 43 U.S	.C. Section	1212, mak	e it a crime for a presentations as	ny person kno to any matter	wingly and	d willfully urisdictio	to make to any departm n.	ent or agency	

COMPLETION SUBSEQUENT REPORT Gallegos Canyon Unit 517 09/26/02

9'10/02 Spot Equip, set pmp & tnks.

9'11/02 SICP 60#; SITP 50#; SIBHP 0#. NDWH & NUBOP. RU floor & Tbg Equip. TIH & set RBP @1506'. Load hole w/wtr & press tst csg to 1000#. Csg held pressure. TOH w/tbg. TIH w/3.125" gun & perf Fruitland Sand 1224'-1240'; 1280'-1286'; 1292'-1314'; w/2 JSPR.

9'12/02 RU & frac Fruitland Sand w/500 gals of 15% HCL acid, followed w/28,724# of 16/30 Erady snd; pmp w/70% nitrogen foam. Flw well on 1/4" ck. Initial Csg press – 840# dropped to 630#

9/13/02 Flw test to pit on 3/4" ck. Csg 160# & pressure @1300 IS 150#. 2385 MCFD from FS. Heavy snd washed out flw line to tnk. Well flwing to tst tnk & flwing @110#. Making light snd & light mist. 1805 mcfd from Fruitland Sand.

9/14/02 Flw testing.

9/15/02 Flw testing

9/16/02 Flw testing to tank. TIH w/mil & tbg, tag fill @1240'. C/O fill to 1505'. Heavy snd. Circ on BTM. Several sweeps. TOH w/Tbg & mill. RU sub to seal off well.

9/17/02 Kill w/80 bbls wtr. TIH w/tbg & mill. Tag fill @1460'. C/O w/air & mist to 1505'. Circ. RD swivel. TOH. Flw to tnk on ½" ck. Light to med. Snd & light mist. 250# dropped to 140# on csg. 1398 mcfd from Fruitland Sand.

9/18/02 Flw well to tak on ½" ck. 811 mcfd from F.S. TIH w/tbg & mill. & tag fill @1425'. RU swivel. Circ w/ air & mist. C/O fill to plg. Mill out RBP @1506'. C/O to PBTD. Tag fill @1600. C/O & mill up rest of plg to PBTD. Run several soap sweeps. TOH w/tbg. Secure location for night.

9/19/02 TIH w/tbg & tag fill @1630'. RU & C/O to PBTD. Run several sweeps. TOH w/tbg to top perf. SDFN.

9/20/02 SICP 130#. TIH w/BHA, Tbg & tag fill @1650'. C/O to PBTD. RU & land tbg @1608'. NDBOP & NUWH. RDSU MOSU.