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 COMBI	ETIAN AD DEA	AND ETIAN DE	DODT AND LOC

WELL COMPLET			ETION (TION OR RECOMPLETION REPORT AND LOG								5. Lease Serial No. SF-078901-A						
la. Type of Well		Gas	☑ Gas Well ☐ Dry ☐ O				Other				Diff. Resvr.		If Indian; Allottee or Tribe Name Unit or CA Agreement Name and No.					
b. Type of Completion New Well Wo		ork Ov	Over 🗖 Deepen			Plug Back		⊠ D										
Name of Operator AMOCO PRODUCTION COMPANY Contact: CHERRY HL E-Mail: hlavace									prom	* 5 * 5 2 0	8. Lease Name and Well No. GALLEGOS CANYON UNIT 123				123			
3. Address P.O. BOX 3092 HOUSTON, TX 77079								Ph: 28	1366	include 3.408	•		(3)	9. A	PI Well No		30-045-0	7232
4. Location	on clearly a	early and in accordance with Federal re-					nents	ر. پ	5001	1		10. I	Field and Po	ool, or l	Exploratory ND SAND			
At top r			90FNL 1850		r (70	OENI 1.	850EW	vi	.: '.	U.S.			C C	11. 5	Sec., T., R.,	M., or	Block and 28N R12W	Survey / Mer NMP
• •		reported o	CIOW ITE	NENW Lot C 790FNL 1850F											County or F		13. Sta	
At total depth 14. Date Spudded 05/04/1976 15				15. Date T.D. Reached 05/09/1976 16. Date Completed □ D. A. ■ Ready to Prod.						od.	17. Elevations (DF, KB, RT, GL)* 5847 GL							
18. Total D	Depth:	MD TVD	6415		19.	Plug Ba	ck T.D.	.: M	_	16	60		20. Dep	th Bri	dge Plug Se		MD TVD	
21. Type E GR & C	lectric & Oth CCL		nical Logs R	un (Su	bmit c	opy of ea	ich)	······			l 1	Was D	ell cored ST run? onal Sur		⊠ No	Yes	(Submit ar (Submit ar (Submit ar	alysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	set in	well)	·	·				<u> </u>							
Hole Size	Size/G	irade	Wt. (#/ft.)		op D)	Botto (MD)	tage Cem Depth			of Sks. of Cem		Slurry (BBI		Cement '	Гор*	Amount	Pulled
12.250	22.7	ļ	0			1 2 2		de la	_	200		0						
7.875	4.	500 J-55	10.5	-	0	6	415			893		<i>5</i> 75						
						<u> </u>												
																		
24. Tubing		(D) D	alsan Danth	(MD)	l e:		Santh C	or (MD)	Т	a alsau Dae		D) [Cina	T D.		<u>ъ.</u> Т	De aleas Dea	4 (A/D)
Size 2.375	Depth Set (N	1403	cker Depth	(MD)	Si	<u>ze 1</u>	eptn S	et (MD)	P	acker Dej	pun (M.	<u>D) </u>	Size	De	pth Set (M	D) 	Packer Dep	th (MD)
	ng Intervals	14001	,				26. Pe	rforation	Reco	rd								
Fo	ormation		Тор		Во	ttom		Perfor	ated	Interval			Size	1	lo. Holes		Perf. Stat	us
	RUITLAND S	SAND		1445		1468				1445 T	O 146	8		\perp		<u> </u>		
B)		_												-		-		
<u>C)</u> D)												+		+		9	2	
	racture, Treat	ment, Cen	nent Squeeze	e, Etc.							-			_i_		Le		
	Depth Interv	al							Ar	nount and	і Туре	of Ma	terial			75	8	111
		-	99 SQZ 36								LGCN	ИT.					2	, <u>)</u>
	14	145 TO 14	68 NITRO	EN FF	AC W	4% KCL	. 97,363	3# 16/30 E	BRAD	Y SND.							-7	
28 Producti	ion - Interval	Α										-						
Date First	Test	Hours	Test	Oil		Gas	Wate		Oil Gr	evity	T	Gas	I	Producti	on Method		w	
12/11/2001			Production	BBL O.0		MCF B		O.O Corr.		API		Gravity		ELECTRIC PUMPING UNIT		-		
hoke	Tbg. Press.	Csg.	24 Hr.	24 Hr. Oil Gas Wate		er .	Gas:Oil		,	Well Status		_						
lize			Rate	> BBL		MCF B		Ratio		P		PG	ew .					
28a. Produc	tion - Interva		<u> </u>	<u> </u>														
Date First roduced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Wate BBL		Oil Gra Corr. A			Gas Gravity		Producti	on Method CCEP	لدأسا	ruh R	ECOR
Choke lize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Wate BBL		Gas:Oi Ratio	i	V	Well Stat	tus	DEC 2 7 2001)1

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #9803 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINA

28b. Production - Interval C											
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method											
Produced											
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status		
28c. Production - Interval D											
Date First Produced											
Choke Tog. Press. Csg. 24 Hr. Oil Gas Water BBL Gas:Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio											;
29. Disposition of Gas(Sold, used for fuel, vented, etc.) NO MEASURABLE GAS											
30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers											
tests,	all important z including deptl ecoveries.	ones of poi interval te	rosity and co sted, cushic	ontents there on used, time	of: Cored in tool open,	ntervals and a flowing and	all drill-stem shut-in pressures				
Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth											
PINON FRUITLAND SAND 1445 1468 Indeed											
33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #9803 Verified by the BLM Well Information System. For AMOCO PRODUCTION COMPANY, sent to the Farmington Name(please print) CHERRY HLAVA Name(please print) CHERRY HLAVA Title PERSON RESPONSIBLE											
Signa	ture	(Electronic	: Submissi	on)			Date <u>12</u>	<u>2/17/2001</u>	<u> </u>		
			:								

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.

Gallegos Canyon Unit 123 RECOMPLETION SUBSEQUENT REPORT 12/17/2001

11/26/01 RUSU & Flw to tnk. Took readings. SIFN.

11/27/01 NDWH, NUBOP TIH. TOH w/54 jts pipe. TIH w/bit & scraper. Tag fill. TOH. Make room for frac crew. SIFN

11/28/01 Run GR & CCL log. Set CIBP @ 1600'. RD WL. TIH to 1580'. Circ. hole clean. Pres tst csg. Did not hold. Communication w/bradenhead. Closed bradenhead valve & try to pressure up csg. Wtr started coming out of ground 12' from well head. SWFN. shut Dn. drain pmp.

11/29/01 Take readings. psi. PU/Pkr TIH to 550' set pkr. Pres tst csg. To 600 psi. hold ok. Pulled 180', set pkr tst csg. To 500 psi. hold ok. Pulled 150' pipe, set pkr. Tst csg to 500 psi. hold ok. Pulled more pipe set pkr, tst csg to 400 psi, held ok. Tst every 32' till found csg. Leak from 45 to 50' from surface. TOH. SWFN. Shut Dn. Drained pmp.

11/30/01 RUSU. TIH w/3.375" gun & perf @398' – 399' w/4 JSPF total of 4 shots. Squeeze. Slurry interval 360-432' w/7 sx cl G cmt, Density 15.80 ppg, yield 1.160 cu ft. Set pkr press up to 1000 psi. Let set for 15 min. press back up to 1000 psi. let set for 30 min. Press back to 1000 psi. held like a rock. Unset pkr. Pulled to 30' from surface set pkr. Cir. Clean wtr through braden head. Pmp cmt till it came out through braden head. Close valve at BH. Sqz to 200 psi three times. Unset pkr. Wash out BOP. Shut well in.

Second squeeze. Slurry interval 25-65' w/8 sx cl G cmt, Density 15.80, yield 1.160 cu ft. TIH w/pkr. Set pkr press up to 1000 psi. Let set for 15 min. press back up to 1000 psi. let set for 30 min. RDSU SWFN. Shut dn.

12/03/01 TIH. Tag cmt @25'. RU/swivel D/O 40' cmt. Circ. well clean. TIH tag second plug @360'. D/O 72' cmt. Circ. hole clean. TOH. Press tst csg. To 300 psi. hold ok. SWFN. Shut dn.

12/04/01 SIP 0. Change out tbg equip from 2 3/8" to 2 7/8". TIH w/scraper & 2 7/8" tbg to 1520'. TOH w/tbg & scraper. SIFN.

12/05/01 RUSU. TIH w/3.125 gun & perf Fruitland Sand formation from 1463' – 1468' & from 1445' – 1455' w/4 JSPF total of 60 shots. TIH w/pkr & set @1404' w/12000 # of tension. Press up csg to 200 psi. to monitor csg while fracing well. Nitrogen frac FS formation w/4% KCL. 97,363# 16/30 Brady Snd. RU/Flw line. Flw tst well.

12/06/01 Flw tst well. Well flw through ½"ck w/140 psi on tbg. Took ck out flwd back. Dropped to 20 psi on tbg. Made about 3 bbls per hr w/some frac snd. Pmpd 3 bbls to kill tbg. Equalize pkr, unset. TOH. Pulled 10 stnds & had to kill tbg again. TIH. TOH w/pkr. SWFN.

12/07/01 Take readings, 420 psi on csg. 0 BH. Blw Dn well. TIH w/work string, TOH LD/pipe. TIH. Tag fill @ 1460'. RU/air C/O to 1590'. Cir. Hole clean, P/Up above perfs. Flw back. TIH tag fill. C/O to 1590'. TOH. SWFN.

12/10/01 NDBOP, NUWH. TIH & LND tbg @ 1403'.

12/11/01 RDSU M/O location.

NOTE: Will test FS for 3-4 mos. before drilling out CIBP @ 1600'. No test data at this time.