SAN JUAN 28-7 UNIT 129R (AWS 6/4/2001)

Daily Summary

Initial Completion

		Daily Summary									
	API 300392655900	County RIO AF		NEW MEXICO NIMPM-27		NS Dist. (ft) NS Flag 1680.0 N	EW Dist. (ft) EW Flag 1695.0 E.				
	KB Elev (ft) 6580.00	Ground Elev (ft) 6567.00	Plug Back Total Depth (ftKB) 7,689.0	Spud Date 5/2/2001	Rig Release Date 5/10/2001	Latitude (DMS) 36° 36' 19.5696" N	Longitude (DMS) 107° 32' 21.03" W				
	Start	Ops This Rot									
	6/4/2001	Held safety mtg. RU schlumberger wireline mast truck. PU CBL tools and RIH . Tagged @ 7700'. Pressure up to 1200#. Run CBL/GR/CCL from 7700' to 1800'. TOC @ 2050' w/ stringers to 2000'. POOH w/ wire line . Test csg. to 4100#. Bleed down. PU TDT tools, RIH and pull log from 7700' to 2300', POOH w/wireline. and RD. RU master valve. Secure well and SDFN.									
	6/19/2001	Held safety mtg. RU Blue jet wireline and mast trucks. PU 3 1/8" guns w/ 12g 306T 90^ pp charges and RIH and perforate DK sands as follows:7456'-7466', 7484'-7494', 7578'-7592', 7611'-7616'. Perforated w/ 43 tot holes and all shots are 1spf. RD wireline RU master valve. Secure well and SDFN.									
	6/27/2001	Held safety mtg.RU Stinger isolation tool. RU BJ Services frac unit. Pressure test lines to 4800#, set pop-off @ 3800#. Break formation @ 2000#, pump 15 bpm & 1400#. S/D St. 15% hcl and 52 7/8" 1.1sg, bio balls. @ 16 bpm & 1600#. Showed good ball action but did not ball off max psi seen was 3000#. Let balls set for 1hr. Re-test lines and pop-off. St. step test @ 33 bpm & 3300#, step to 25 bpm & 2450#, step to 16 bpm & 1700#, S/D. ISDP= 1000#, FG= .52 psi/ft. Leak off is as follows: 5min= 480#, 10 min= 0#, St. 30# x/l Spectra G pad @ 41 bpm & 2500#, St5# @ 41 bpm & 2380#, St. 1# @ 42 bpm & 2420#, St. 2# @ 42 bpm & 2380#, St. 3# @ 42 bpm & 2350#,St. 5# @ 43 bpm & 2250#, Flush w/116 bbl @ 40 bpm. ISDP= 1650#. AV rate= 42 bpm, AV psi= 2900#, ToT sand = 85,500# 20/40 TLC.resin coated sand. FTR=1302 bbl, Sand laden = 679 bbl. RD									
:	7/13/2001	Service companys. RU Master Valve. Secure well and SDFN. Held safey mtg. RU blue jet wireline and mast truck. PU halliburton 4.5" comp plug and RIH and set @ 5650'. POOH and test plug to 4000#. PU 3 1/8" guns w/12g 306T 90^ PP charges and RIH and perforate the PLO/MEN sands as									
128	115767	follows:5236'-5239', 1 spf for 4 holes, 5341'-5344', 1 spf w/4 holes, 5453'-5356', 1 spf w/4 holes, 5406'-5409', 1 spf w/4 holes, 5438'-5460', .5 spf w/12 holes, 5486'-5492', .5 spf w/4 holes, 5546'5550', .5 spf w/3 holes. tot ft. pay =44', tot # holes=35. Secure well , RD Wireline and SDFN.									
20	/2001	PU 4.5" halliburton	comp plug and RIH and set	t @ 5202'.POOH v	w/ wireline. Test p	lug to 4200#. PU 3 1/8'	guns w/ 12g 306T				
) O(2001	90^ pp charges and RIH and perforate MEN/CH sands as follows: 4856'-4862',.5spf w/4 holes, 4880'-4890', .5spf w/6 holes, 4918'-4930', .5spf w/7 holes, 4944'-4956', .5spf w/7 holes, 5040'-5044', 1spf w/5 holes, 5110'-5114', 1spf w/5 holes,									
₽€		4918'-4930', .5spf w/7 holes, 4944'-4956', .5spf w/7 holes, 5040'-5044', 1spf w/5 holes, 5110'-5114', 1									
Oh		frac unit. Pressure test lines to 4800#. Set popoff @ 3850#. Start B/D. Formation broke @ 2550#, Pumped 20 bpm @ 1650#.									
S D		Sart acid @ 14.6 bpm & 1150#. Dropped 42 7/8" 1.3 SG ball sealers. Flushed @ 19 bpm. Did not ball off. Max psi achived = 3350#.RU Blue jet wireline and RIH and retrive 31 balls. Re-test lines and check pop-off. Start step test @ 60 bpm & 1860#, step to 22 bpm & 1050#.step to 10 bpm & 470psi. S/D ISDP=170#, FG=.49 psi/ft. Start 70Q linear foam pad @ 54 bpm & 3000#, st5# @ 53 bpm & 3150#, St. 1# @ 51 bpm & 3250, St. 2 # @ 49 bpm & 3250#,St. 3# @ 47 bpm & 3300#, 4# @ 46									
		bpm & 3500#, flush	ed w/73 bbl kcl. AV rate≃50 SERVICE COMPANYS. RU	BPM, AV PSI= 3° MASTER VALVE.	150#, TOT SAND SECURE WELL A	= 180,000# 20/40 BR/ ND SDFN.	NDY. TOT. N2 =				
	7/14/2001	Held safety mtg.RU broke @ 1950#, Pu bpm. Did not ball of pop-off. Start step to 70Q linear foam par 3# @ 60 bpm & 30 Flushed w/ 82 bbl ko 770,000scf RD BJ	stinger and BJ Services from ped 27 bpm @ 1550#. Saft. Max psi achived = 3100# est @ 32 bpm & 1360#, sted @ 60 bpm & 2650#, st5:00#, during 3# FG went from a 1 bpm. S/D ISDP= 0, ines and Isolation tool. CON interest and Isolation tool.	ac unit. Pressure of the act of t	test lines to 4800 m & 143#. Dropp ne and RIH and r 0#.step to 9 bpm 00#, St. 1# @ 60 Now fracing into n, AV psi=2850#. TREPORT. SEE 0	#. Set popoff @ 3850# ed 42 7/8" 1.3 SG ball s etrive 33 balls. Re-test & 0 psi. S/D ISDP=0#, bpm & 2900, St. 2 # @ lower menefee. St 4# (Tot sand = 120,000# 20 DTHER 7/14/2001 REPC	sealers. Flushed @ 20 lines and check FG=.438 psi/ft. Start 60 bpm & 2950#,St. @ 60 bpm & 3015#, 0/40 brady, To N2 =				
	8/24/2001	Held safety mtg.Sp	ot unit and equipment. SDF	N Apreciation lune	ch for DK pilot we	lls.	adan and tast basis				
	8/27/2001	Held safety mtg.SIC	P=600#. RU unit and equi h. Test was good.RU blewi	pment.Bleed csg. e line and c/o equ	gown . ND 1178C V inment Secure w	aive. NO BOPS. RO Qu rell and SDFN	auco anu test bop s.				
	8/28/2001	Held safety mtg. Slo	CP=100#. Bleed csg. down.	TIH picking up w/	3 7/8" junk mill at vell and SDFN.	nd 155jts 2 3/8" tbg. an					
	8/29/2001	Held safety mtg. Sliclean. POOH w/ 5 j	CP= 420#. Bleed csg. dowr is tbg. Well is making a con	n. Blow well aroun siderable amount	d.TIH w/ 5 jts tbg of sand. Secure v	. and tag fill @ 4915'. C vell and SDFN.	C/O to 4946'. Circulate				
	8/30/2001	Rig was shut down	for safety stand down. NO	COST TO CONO	CO.	41) ENib+ C/O to	4054! Continue to				
	8/31/2001	circulate well for res	CP=400#. Bleed csg. down st of the day.Well still makin ed foamer to 1 gal to 20 bbl	ng a-lot of sand. P . Will see if it help:	OOH w/ 5 jts. Se s in cleaning this	cure well and SDFN. M formation up.	laking 3 cups sand in				
	9/4/2001	clean.C/O to 4951'	CP= 400#. Bleed csg dowr agin . circulate rest of day.' production slows down. PC	Well making enou OOH w/5 its. Secu	igh sand that it is ire well and SDFI	risky to make conection N.	n. We will continue to				
	9/5/2001	Held safety mtg. SICP= 400#. Bleed csg down. TIH w/ 5 its. and tag fill @ 4928'. (23' fill overnight). Blow well around. RU swivel and clean out to 5107'and circulate clean. Secure well and SDFN. Plug between upper and lower menefee is @ 5200'. Weatherford engineer came to loc. and performed foam stabilization test to determine how much foam we should be running. Results say we need to increase foam to 4gal per 20 bbl.									
	9/6/2001	Held safety mtg. Sl	CP= 300#. Bleed csg dowr fill @ 5535'.C/O to plug @	n,TIH w/ 10 jts and	l Tag fill @ 5081'.	C/O to plug @ 5200' w	/3 jts. Drill plug and				

		6/4/2001) Daily S	Summary	,	IIIIIIa	l Completio			
API 300392655900	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location		NS Dist. (ft) NS Flag 1680.0 N	1695.0 EW Flag			
KB Elev (ft) 6580.00	Ground Elev (ft) Plug Back 1 6567,00	Total Depth (ftKB) 7,689.0	Spud Date 5/2/2001	Rig Release Date 5/10/2001	Latitude (DMS) 36° 36' 19.5696" N	Longitude (DMS) 107° 32' 21.03" W			
Start			Ops This		,				
9/7/2001	Held safety mtg.SICP=400#. Bleed csg. down. TIH w/ 26jts.and did not tag fill.TOOH w/ 12 jts to 5233' Blow well around. Get flowing up tbg. and test PLO/MEN/CH. zones.Perfs from 4856'- 5550'. Pressures stabilized @ 165# flowing tbg. pressure, Flowing through a 1/2" choke, and 275# SICP.Making 5 BWPD, 0 BOPD. still making light sand out of the MV perfs.Secure well and SDFN. I WILL BE DOING A DHC TEST, AND IF THERE LOOKS LIKE THERE IS A CROSSFLOWING PROBLEM I WILL GET A PRODUCTION LOG. IF THE DHC TEST IS HIGHER THAN THE MV TEST I WILL USE THE SUBRACTION METHOD TO ALLICATE THE GAS FOR THE DIFFRENT ZONES. Held safety mtg. SICP= 400# Bleed csg. down.Kill tbg. TIH w/ 13 jts tbg. and tag fill @ 5638'. C/O to plug @ 5650' and drill. TIH								
	w/ 69 jts tbg. and tag @ 7396 test dk/mv formation tomorro	w							
9/11/2001	Held safety mtg. SICP= 480#. and did not tag fill. Blow well a DK PERFS TESTED= 7456-76 MV PERFS TESTED= 4856-55 SICP= 480# FLOWING TBG. PSI= 215# TBG. LANDED @ 7566' W/KB TESTED W/ 1/2' CHOKE W/CO PRODUCTION= 1386 MCFPD O BOPD 2 BWPD O SAND TEST WITNESSED BY T. MON ALLICATION FOR MV = 165# FALLICATION FOR DK/MV= 215=297 MCFPD. IF THERE ARE Land tbg. @ 7535' w/kb using valve. Get flowing up tbg. SI a They are expected to finish faw/o facilitys costs. FINAL REI	around and circulate 616' 550' EFFICIENT OF 6.6 EK W/ KEY ENERGY FLOWING TBG. PSI= 5# FLOWING TBG. PSI= 54 FLOWING TBG. PSI= 54 FLOWING TBG. PSI= 54 FLOWING TBG. PSI= 54 FLOWING TBG. PSI= 55 FLOWING TBG. PSI= 56 FLOWING TBG. PSI= 57 FLOWING TBG. PSI= 58 FLOWING TBG. PSI= 58 FLOWING TBG. PSI= 58 FLOWING TBG. PSI= 59 FLOWING TBG. PSI= 50 FLOWING	SERVICES. 1089 MCFPD SI= 1386 MCFPD PLEASE CONTA tere is a MS, and ipment. All rig w	4 jts tbg. and Dh 0. USING THE SU CT ME @ 505-3; SN on bottom o ork is complete a	JBTRACTION METHOD 24-5854, OR 505-320-9 f production string.RD and the facilitys have b	THE DK ALLICATION 058. BOP's, RU master been started today.			

SAN JUAN 28-7				Summary				Com	-1041
API 300392655900	County RIO ARF	RIBA	State/Province NEW MEXICO	Surface Legal Location		NS Dist. (ft) 1680.0	NS Flag N	EW Dist. (ft) 1695.0	EW Flag E
` '	Ground Elev (ft)	Plug Back Tota	7,689.0	Spud Date 5/2/2001	Rig Release Date 5/10/2001	Latitude (DMS) 36° 36' 19	5696" N	Longitude (DMS 107° 32'	•
6580.00	6567.00	I	7,003.0			30 30 13	7.5050 11	101 32	21.00
Start	Held safety mtg. RU	coblumbor	ner wireline mast	Ops This		voed @ 770	M' Pressu	re un to 120	O# Rur
6/4/2001	CBL/GR/CCL from 7 PU TDT tools. RIH a	'700' to 180 nd puil log_f	00'. TOC @ 2050' from 7700' to 2300	w/ stringers to 2 or in the stringers to 2	:000'. POOH w/ v ine. and RD. RU	vire line . Te master valv	est csg. to e	1100#. Blee vell and SDI	d down FN.
6/19/2001	Held safety mtg. RU sands as follows:745 wireline RU master v	56'-7466', 7	'484'-7494 <mark>'</mark> , 7578	'-7592', 7611'-76	guns w/ 12g 306 ⁻ 316'. Perforated v	7 90^ pp ch v/ 43 tot ho	arges and les and all	RIH and per shots are 1:	forate I spf. RD
6/27/2001	Held safety mtg.RU formation @ 2000#, ball action but did no bpm & 3300#, step to 5min= 480#, 10 min= St. 2# @ 42 bpm & 2 rate= 42 bpm, AV psi	Stinger isolo pump 15 bp ot ball off mo o 25 bpm & o 0#, St. 30# 380#, St. 3	ation tool. RU BJ om & 1400#. S/D ax psi seen was 2450#, step to 10 # x/l Spectra G pa # @ 42 bpm & 23	Services frac un St. 15% hcl and 3000#. Let balls 3 bpm & 1700#, d @ 41 bpm & 2 50#,St. 5# @ 43	52 7/8" 1.1sg, biouset for 1hr. Re-to S/D. ISDP= 1000 500#, St5# @ 4 bpm & 2250#, Fl	balls. @ 1 est lines and #, FG= .52 11 bpm & 23 lush w/116	6 bpm & 10 d pop-off. \$ psi/ft. Leak 380#, St. 17 bbl @ 40 b	600#. Show 6t. step test coff is as fol # @ 42 bpm pm. ISDP=	ed good @ 33 lows: & 2420 1650#.
	Service companys. F Held safey mtg. RU t plug to 4000#. PU 3 follows:5236'-5239', holes, 5438'-5460', . holes=35. Secure we	olue jet wirel 1/8" guns w 1 spf for 4 5 spf w/12	line and mast truc //12g 306T 90^ Pf holes, 5341'-534 holes, 5486'-549	k. PU halliburton charges and R 4', 1 spf w/4 hol	IH and perforate es, 5453'-5356',	the PLO/ME 1 spf w/4 h	EN sands a loles, 5406	s '-5409', 1 s	pf w/4
CT 2001	PU 4.5" hallburton co 90^ pp charges and I 4918'-4930', .5spf w. 5142'-5146', 1spf w./ frac unit. Pressure te: Sart acid @ 14.6 bpn 3350#.RU Blue jet wi step to 22 bpm & 105 3000#, st5# @ 53 b bpm & 3500#, flushed	omp plug ar RIH and pe 77 holes, 49 5 holes, 51 5 t lines to 4 n & 1150#. reline and F 10#.step to 1 ppm & 3150	nd RIH and set @ erforate MEN/CH 944'-4956', .5spf 75'-5178', 1spf w. 800#. Set popoff Dropped 42 7/8" RIH and retrive 3' 10 bpm & 470psi. #, St. 1# @ 51 bp	sands as follows w/7 holes, 5040 4 holes, tot. of 4 @ 3850#. Start I 1.3 SG ball seale I balls. Re-test lii S/D ISDP=170# om & 3250, St. 2	s: 4856'-4862',.5s' '-5044', 1spf w/5 i3 .34" holes.Heli B/D. Formation bi ers. Flushed @ 1s nes and check po , FG=.49 psi/ft. Si # @ 49 bpm & 3;	spf w/4 hole holes, 511 d safety mtg roke @ 255 d bpm. Did pp-off. Start art 70Q line 250#,St. 3#	es, 4880'-4a 0'-5114', 1 g.RU sting 0#, Pumpe not ball off. step test (ear foam pa @ 47 bpm	390', .5spf v spf w/5 hole er and BJ S d 20 bpm @ Max psi acl Ø 60 bpm & d @ 54 bpn & 3300#, 4#	v/6 holdes, ervices 0 1650 hived = 1860# n & # @ 46
F/14/2001	1,220,000 SCF. RD SI Held safety mtg.RU s broke @ 1950#, Pum bpm. Did not ball off. pop-off. Start step tes 70Q linear foam pad 3# @ 60 bpm & 3000 Flushed w/ 82 bbl kd 770,000scf RD BJ line	ERVICE CO stinger and I ped 27 bpm Max psi act at @ 32 bpm @ 60 bpm 8 #, during 3 @ 31 bpm. es and Isolat	MPANYS. RU MA BJ Services fractor 1 @ 1550#. Sartor 2 a 100#.Ru 3 a 1360#, step to 4 2650#, st5# @ # FG went from S/D ISDP= 0, Av tion tool. CONTIN	STER VALVE. SI unit. Pressure te acid @ 10.6 bpm J Blue jet wireline 21 bpm & 470# 0 60 bpm & 2800 48 to .61psi/ft. N / rate= 60 bpm, / UED ON NEXT F	ECURE WELL AN st lines to 4800#. & 143#. Dropped and RIH and ref. step to 9 bpm & #, St. 1# @ 60 b ow fracing into lo AV psi=2850#. To REPORT. SEE OT	D SDFN. Set popoff 1 42 7/8" 1.: rive 33 balk 0 psi. S/D I om & 2900, wer menefe ot sand = 12 HER 7/14/2	@ 3850#. 3 SG ball se s. Re-test le SDP=0#, F St. 2 # @ ee. St 4# @ 20,000# 20	Start B/D. Fealers. Flushnes and che G=.438 psi/60 bpm & 29 60 bpm & 29 60 bpm & 40	ormationed @ eck fft. Star 950#,Si 3015#,
3/24/2001	Held safety mtg.Spot Held safety mtg.SICP	unit and eq	uipment. SDFN /	Apreciation lunch	for DK pilot wells	e NUBOR	's RU Qua	doo and tes	t hon's
J/27/2001	250 low & 5000 high.	Test was a	ood.RU blewie lir	ne and c/o equip	ment. Secure we	I and SDFN	V		. wps
/28/2001	Held safety mtg. SICF	P=100#. Ble	ed csg. down.TIF	l picking up w/ 3	7/8" junk mill and	155jts 2 3/	8" tbg. and	tag fill @ 48	883'.
/29/2001	Circulate well clean.F Held safety mtg. SICF clean. POOH w/ 5 jts	P= 420#. BI	eed csg. down. B	low well around.	TIH w/ 5 jts tbg. a	and tag fill (@ 4915'. C	O to 4946'.	Circula
3/30/2001	Rig was shut down fo	r safety sta	nd down. NO CC	ST TO CONOC	0.				
	Held safety mtg. SICF circulate well for rest 30 seconds.Reduced	of the day.\ foamer to 1	Well still making a 1 gal to 20 bbl. W	i-lot of sand. PO ill see if it helps i	OH w/ 5 jts. Secundled this formula of the secuning this secuning this secuning the secuning this secuning the secuning this secuning the secuning this secuning the secuning the secuning this secuning the secuning this secuning the secuning this secuning the secuning this secuning the secuning this secun	re well and mat <u>ion up.</u>	SDFN. Ma	iking 3 cups	sand i
	Held safety mtg. SIC clean.C/O to 4951' ag circulate until sand pr	jin . circulat oduction sl	e rest of day. We ows down. POOI	ll making enough I w/5 jts. Secure	n sand that it is ris well and SDFN.	sky to make	conection	. We will cor	ntinue 1
9/5/2001	Held safety mtg. SICF swivel and clean out Plug between upper a to determine how mu Held safety mtg. SIC	= 400#. Bl to 5107'and and lower m ch foam we	eed csg down. To dicirculate clean. nenefee is @ 520 e should be runni	H w/ 5 jts. and ta Secure well and 0'. Weatherford ng.Results say w	ag fill @ 4928'. (2 SDFN. engineer came to ve need to increa	o loc. and p	erformed for 4gal per 20	oam stabiliz	ation te
9/6/2001 	Held safety mtg. SIC TIH w/ 11 jts. to tag fil	г – 300#. Бі І <u>@</u> 5535'.С	C/O to plug @ 565	50'w/ 3 jts. Circul	ate clean. TOOH	w/ 27 jt.Se	cure well a	ated on 9/	

SAN JUAN 28-7	UNII 129R	(AVVS 0		Summar	У	Initia	I Completic
API 300392655900	County RIO AI	RRIBA		Surface Legal Locatio		NS Dist. (ft) NS Flag 1680.0 N	EW Dist. (ft)
KB Elev (ft) 6580.00	Ground Elev (ft) 6567.00	Plug Back To	otal Depth (ftKB) 7,689.0	Spud Date 5/2/2001	Rig Release Date 5/10/2001	Latitude (DMS) 36° 36' 19.5696" N	Longitude (DMS) 107° 32' 21.03" W
Start				Ops Thi			
9/7/2001	flowing up tbg. and Flowing through a well and SDFN. I W GET A PRODUCTION	d test PLO/N 1/2" choke. ILL BE DOIN ON LOG. IF T	MEN/CH. zones.Pe and 275# SICP.Ma IG A DHC TEST, AN	rfs from 4856'- aking 5 BWPD, ND IF THERE LC IIGHER THAN TI	5550'. Pressure 0 BOPD. still ma OOKS LIKE THER	OOH w/ 12 jts to 5233's stabilized @ 165# floking light sand out of the IS A CROSSFLOWIN LL USE THE SUBRACT	wing tbg. pressure , ne MV perfs.Secure G PROBLEM I WILL
9/10/2001		ag @ 7396'.	C/O to 7674' w/ 10			fill @ 5638'. C/O to plu //92 jts tbg. Secure we	
	and did not tag fill. DK PERFS TESTEI MV PERFS TESTE SICP= 480# FLOWING TBG. PS TBG. LANDED @ 7 TESTED W/ 1/2' CH PRODUCTION= 138 O BOPD 2 BWPD O SAND TEST WITNESSED ALLICATION FOR M ALLICATION FOR D =297 MCFPD. IF T Land tbg. @ 7535' valve. Get flowing to	Blow well an D= 7456'-761 D= 4856'-556 BI= 215# 7566' W/KB OKE W/COE 86 MCFPD BY T. MONH MV = 165# FI DK/MV= 215: THERE ARE W/kb using 2 up tbg. SI ar to finish fac	round and circulate 16' 50' EFFICIENT OF 6.6 CW/KEY ENERGY LOWING TBG. PSI= # FLOWING TBG. P ANY QUESTIONS 240 jts 2 3/8" tbg. th ad RD unit and equ ilitys on 9/18/2001.	SERVICES. = 1089 MCFPD PSI= 1386 MCFP PLEASE CONT. here is a MS, and ipment. All rig v	D. USING THE S ACT ME @ 505-3 d SN on bottom work is complete	mill. PU MS/SN and TII HC test.TEST WAS A UBTRACTION METHOR 324-5854, OR 505-320-8 of production string.RD and the facilitys have in IG. The costs turned in	O THE DK ALLICATION 2058. BOP's, RU master been started today.