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 C	OMPL	EHONO	R RECC	MPLE	A ION RE	PORI	ANDLO	JG	3		se Senai No. ISF078278		
1a. Type of	_	il Well				Other					. If In	dian, Allotte	e or Tribe Name	
b. Type of	f Completion		ew Well r	□ Work O	ver [Deepen	□ Plu	g Back	Diff. R	esvr.		t or CA Agre	ement Name and	No.
2. Name of	Operator COPHILLIPS	COMPA	ANY E	Mail: chris	Contac	t: CHRIS G tartis@con	SUSTAR ocophilli	TIS, O /	83	8	. Leas	se Name and		
	B O BOV O	48 2 (1 11	0400					·	<u>, ~ //21</u>	9		Well No.	 	
4. Location	HOUSTON of Well (Repo	rt location	on clearly an	d in accorda	ance with	Federal req	uirement	s)*	705	(3) T	0. Fie		or Exploratory	UT
/ At surfa	Sec 15 ce NENE 4	T29N RI 00FNL	6W Mer NN 400FEL 36.	IP 73185 N L	at, 107.4	اد 44212 W	R On On		3)	<u> </u>	BL	ANCO MV /	BASIN DAKOTA , or Block and Sur	
/	rod interval re					P.S.			Die.	<u> </u>	or A	Area Sec 1	5 T29N R6W Me	er NMf
At total	depth					`	E.S.	9	allo			ounty or Paris O ARRIBA	sh 13. State NM	
14. Date Sp 11/28/2				te T.D. Rea 09/2004	iched		16. Dai	E Completed	ceady to Pr	od.	7. Ele	evations (DF, 6748 (, KB, RT, GL)* GL	
18. Total D	epth:	MD TVD	8161	19	. Plug Ba	ack T.D.:	MD TVD	815			Bridg	ge Plug Set:	MD TVD	
21. Type E CBL TI	lectric & Other	Mechar	nical Logs R	ın (Submit	copy of e	each)			Was I	vell cored? OST run?		No 🗖	Yes (Submit analy Yes (Submit analy	vsis)
23. Casing at	nd Liner Recor	d (Reno	rt all strings	set in well					Direct	ional Surve	y? 🗵	No 📄	Yes (Submit analy	/sis)
Hole Size	Size/Gra		Wt. (#/ft.)	Top	Botto	om Stage	Cemente	r No. of	Sks. &	Slurry V	ol.	Cement Top	* Amount Pu	ulled
12.250		5 H-40	` ′	(MD)	(MI		Depth	Type of	Cement 150	(BBL)	_	- Cement Top	0	
8.750		0 J-55	32.3 20.0			255 3922		<u> </u>	655		+	<u> </u>	0	
6.250	4.50	0 N-80	11.6	(0 8	3161			465			28	800	
					-						_			
24. Tubing	Record Depth Set (MI)) B	acker Depth	MD) I G	Size	Depth Set (I	an I	Doolson Done	h (MD)	Size	Domi	th Cat (MD)	Dagleon Donath	(MD)
2.375		015	acker Deptil	(WID)	5126	Depui Set (i	VID)	Packer Dept	ii (IVID)	Size	Бері	th Set (MD)	Packer Depth	(MD)
25. Produci						26. Perfor				<u> </u>	,			
A) Fo	ormation DAK	OTA	Тор	8008	ottom 8077		Perforated	d Interval 8008 TC	8077	Size 0.340		o. Holes 76 Ol	Perf. Status	
B)								0000 10		0.010				
C)			-											
D) 27. Acid, Fi	racture, Treatm	nent, Cer	nent Squeeze	, Etc.							<u> </u>			
	Depth Interval							Amount and						
	800	8 TO 80	77 FRAC'D	W/SLICKW	ATER @	1.25 G/MG F	R, 40,00	0# 20/40 CA	RBONLITE	SAND & 4	183 BE	BLS FLUID		
	- · · · · · · · · · · · · · · · · · · ·													
28 Product	ion - Interval A													
Date First	Test I	lours	Test	Oil	Gas	Water		Gravity	Gas		oduction	n Method		
Produced 03/18/2005	Date 03/18/2005	Tested 24	Production	BBL 0.0	MCF 372.0	BBL 19.0	1	. API	Gravity			FLOWS	FROM WELL	
Choke Size	Tbg. Press. Flwg. 100 F	sg. Press. 360.0	24 Hr. Rate	Oil BBL O	Gas MCF 372	Water BBL	Gas: Ratio		Well St					
	ction - Interval				3/2	19				GSI				
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Gravity : API	Gas Gravity	Pro	oduction	CCEPTED	FOR RECO	RD
Choke Size	Flwg. F	Sg. Tress.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Ratio		Well St	atus		HP4	0 5 2005	+
(See Instruct	ions and space	s for ad	ditional data	on reverse	side)						F		in rield OFFIC	
ELECTRO	NIC CLIDATE	STONI 46	SECTE VEDT	DEED DAG	rrre ni s	M WELL IN	FORM	ATION SY	STEM M PEV	ISED **		REVISE	KA UITI	
			/ISED **			₩ 171	- · v 10		NITO	CD		17- AIGE		 -'

	luction - Inter	1	Lo	Tan	I o	Tour	I a u a 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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status			
28c. Prod	luction - Inter	val D		I	<u> </u>	<u> </u>	I		L			
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 Status	Status		
29. Dispo	osition of Gase	Sold, usea	for fuel, ven	ted, etc.)	L	<u> </u>						
	nary of Porou	s Zones (Ir	nclude Aquife	rs):					31. For	mation (Log) Markers		
tests,	all important including dep ecoveries.	zones of poth interval	oorosity and c tested, cushi	ontents ther on used, tim	eof: Cored in tool open	ntervals an , flowing a	d all drill-stem nd shut-in press	sures				
	Formation Top			Bottom		Descriptions, Contents, etc.				Name	Top Meas. Depth	
This	INTO	le commin	ngled well pr	oducing fro		nco Mesa	verde and Bas	sin Dakc	KIF PIC CL PC GR DA	CIMIENTO RTLAND CTURED CLIFFS IFF HOUSE INT LOOKOUT REENHORN KOTA	1376 2951 3631 5341 5836 7811 7936	
	e enclosed atta		(1 6.11			2.6.1	- D		1 DOTE		1.0	
	ectrical/Mech andry Notice f	_	,	. ,		 Geolog Core A 	•		3. DST Re7 Other:	port 4. Directi	onal Survey	
34. I here	by certify tha	t the foreg	oing and attac	ched inform	ation is com	plete and c	orrect as deterr	nined fro	om all available	e records (see attached instruc	tions):	
		Co	Electommitted to	ronic Subm For CON AFMSS for	nission #555 NOCOPHII	325 Verifie LLIPS CO	ed by the BLM MPANY, sent ENNE BRUM	Well In to the F LEY on	iformation Sy Farmington 04/05/2005 (0	stem. 95AXB1034SE)	,	
Name	e(please print	CHRIS	GUSTARTIS	<u> </u>			Title	AUTH	ORIZED REF	PRESENTATIVE		
Signa	nture	(Electro	nic Submiss	ion)			Date	e <u>03/29/</u>	2005			
		·			<u>-</u>					·		
Title 18 to of the Un	U.S.C. Section ited States an	i 1001 and y false, fic	Title 43 U.S titious or frac	.C. Section lulent statem	1212, make nents or repr	it a crime i	or any person l s as to any matt	knowing er withir	ly and willfully i its jurisdictio	to make to any department o	r agency	

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ConocoPhillip	ps	END OF WELL SCI	TEMPATIO		
Well Name:	San Juan 29-6 #90F			Spud:	28-Nov-
API#:	30-039-27623			Spud Time:	
Location:	400' FNL & 400' FEL			Date TD Reached:	
	Sec. 15 - T29N - R6W		/16" 5M Tubing Head	-	
 4•	Rio Arriba County, NM		1" 3M Casing Spool	Release Time:	0:00
	6748' GL (above MSL)	9-5/6 B T	11" 3M Casing Head	1	
_	13' above Ground Level			D	
Datum:	Drl Rig RKB = 13' above GL		. *	SurfaceCement Data amt'd:	22 11 04
	T	X New			28-Nov-04
Surface Casing		Used		Lead : 150 sx Class G Cement	<u>t</u>
Size	9 5/8 in			+ 3% S001 Calcium Chloride	Flation
Set at			.	+ 0.25 lb/sx D029 Ceilophane	
Wt.	32.3 ppf Grade H-40	·		1.16 cuft/sx, 174.0 cuft slurry	
Hole Size	12 1/4 in Conn STC	·]	.	Displacement:	_bbls fresh
Excess Cmt		Shoo 255 #		Bumped Plug at: 21:3 Final Circ Press:	30 HIS W/ 03
1.0.0.	SURFACE Csg TD of 12-1/4	Shoe <u>255</u> ft 'hole 285 ft	. \	Returns during job:	YES
	10 01 12-174	110le <u>283</u> It	.	CMT Returns to surface:	12 bbls
Noti	fied BLM @ 17:00 hrs on	26-Nov-04	.		No floats use
	NMOCD @ 17:02 hrs on	26-Nov-04	. .	W.O.C. for 6.00 hrs (plug burn	
Nounea	17.02 113 011	20-1407-04		W.O.C. for 15.00 hrs (plug burn	
			.	10.00 ms (plug burn	ip to test cog/
Intermediate Ca	asing Date set: 6-Dec-04	X New	.	Intermediate Cement	
Size	7 in 93	jts Used	. '		6-Dec-04
Set at		pups	.	Lead : 420 sx Class G Cemen	
Wt.	20 ppf Grade J-55	pups	.	+ 0.25 lb/sx D029 Cellophane	
Hole Size		,	:	+ 3% D079 Extender	, i lakos
Excess Cmt		Collar 3876 ft		+ 0.20% D046 Antifoam	
	SURFACE Bottom of Casing		i	+ 10.00 lb/sx Phenoseal	
Pup @		" Hole 3928 ft		2.72 cuft/sx, 1142.4 cuft slurn	v at 11.7 pp
Pup @	 .	1,010 <u>3323</u>		Tail: 235 sx 50/50 POZ : Cla	
-	fied BLM @ 10:29 hrs on	02-Dec-04		+ 0.25 lb/sx D029 Cellophane	
	NMOCD @ 10:31 hrs on	02-Dec-04		+ 2% D020 Bentonite	
	<u> </u>			+ 1.50 lb/sx D024 Gilsonite E	xtender
				+ 2% S001 Calcium Chloride	
				+ 0.20% D046 Antifoam	
				+ 6 lb/sx Phenoseal	
		1		1.31 cuft/sx, 307.85 cuft slurry	y at 13.5 pp
		1	11 11	Displacement:	157 bbls
				Bumped Plug at: 04:4	6 hrs w/ 160
				Final Circ Press: 11:	30 psi @ 2 I
				Returns during job:	YEŞ
	•			CMT Returns to surface:	30 bbls
				Floats Held: X Ye	_
				W.O.C. for 6.00 hrs (plug bun	
				W.O.C. for 13.50 hrs (plug bun	np to test csg)
					
Production Cas		X New		Production Cement	
Size		jts Used			10-Dec-04
Set at		pups	'	Cement : 465 sx 50/50 POZ : Cla	
Wt.		•		+ 0.25 lb/sx D029 Cellophane	e Flakes
Hole Size Excess Cmt		Coller 9150 #		+ 3% D020 Bentonite	
T.O.C. (est	· · · · · · · · · · · · · · · · · · ·	Collar 8159 ft	i	+ 1.00 lb/sx D024 Gilsonite E	xtender
Marker Jt @	· ·	" Hole 8161 ft		+ 0.25% D167 Fluid Loss	
Marker Jt @		Hole 8181 II		+ 0.15% D065 Dispersant + 0.10% D800 Retarder	
Marker Jt @				+ 0.10% D006 Retaider	
Warker St @				+ 3.5 lb/sx Phenoseal	
Noti	ified BLM @ hrs on			1.45 cuft/sx, 674.25 cuft slurr	v at 13.0 pg
	NMOCD @ hrs on			Displacement:	126.5 bbls
· · · · · · · · · · · · · · · · · · ·	- Time on			Bumped Plug: 11:2	
				Final Circ Press: 135	
					None Plann
	Top of Float	Collar 8159 ft			None Plann
	Bottom of Casing			Floats Held: X Ye	
	Bottom or Guomig	61166 <u>6761</u> 11		riodis rielu. A re	- 140
		TD of 8-3/4" Ho	ıle: 8161 ft	Schematic prepared by:	
		12 010 071 110	10. <u>0101</u> 1	Michael P. Neuschafer, Drillin	ng Engineer
COMMENTS:				12-December-2004	
9-5/8" Surf:	No float equipment was run. Rar	a guide shoe and an aluminum	n baffle plate 1 jt abov	ve the guide shoe @ 213'.	
15-5/0 Sull.		er. Shut in casing head and W			
5-5/6 Guii.					
					Total:
	DISPLACED W/ 149.5 BBLS. DF				
		, 3747', 3660', 3574', 3488', 246	5', 81', 39'.		Total: Total: Total:

SAN JUAN 2	9 6 UNIT	#090F					Initi	al Com	pletion		
API/UMI	County	State/P		Surface Leg	Summary al Location	N/S Dist. (t) N/S Ref.	E/W Dist. (ft)	E/W Ref.		
300392762300 Ground Elevation (ft)	RIO ARE	RIBA NEW	MEXICO Rig Release D		9N-06W-15-A Latitude (DMS)	400.0	0 N Longitude (DMS	400.0	<u> </u>		
6748.00	1 1	11/24/2004		/2004	36° 43′ 54.66" N		107° 26' 31				
Start Date	anarang pantan	\$145000000000000000000000000000000000000	TEXT CONTRACTOR	rigrandiabout	Ops This Rot	ron en arcentina acceptant	g girli karan dan gara	delyminely way opioned	e andres case of		
12/14/2004 07:00		F CEMENT @ 2			GER PRESSURED DM 8124' TO 2400'.						
12/18/2004 15:00	HELD PRE-JO TOOL. SWI.	B SAFETY MEE									
	GUN. PERFC 0.34 DIA.	DRATED FROM	8008' - 8030'	W/ 2 SPF,	8050' - 8060' W/ 2	SPF, 8071' - 8077'	W/2SPF.AT	OTAL OF 76	HOLES @		
The second secon	HELD SAFETY MEETING. RU ISOLATION TOOL. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 7700 #. SET POP OFF @ 6000 #. BROKE DOWN FORMATION @ 4 BPM @ 1375 #. PUMPED PRE PAD @ 45 BPM @ 3532 #. STEPPED DOWN RATE TO 35 BPM @ 2578 #. STEPPED DOWN RATE TO 25 BPM @ 2206 #. STEPPED DOWN RATE TO 15 BPM @ 1923 #. STEPPED DOWN RATE TO 10 BPM @ 1707 #. ISIP 1670 #. 5 MIN 1158 #. 10 MIN 994 #. 15 MIN 829 #. 20 MIN 694 #. 25 MIN 576 #. 30 MIN 492 #. PUMPED 1000 GALS OF 15% HCL ACID @ 6 BPM @ 1405 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1.25 #/mg FR, 40,000 # 20/40 CARBOLITE SAND & 4183 BBLS FLUID. AVG RATE 54 BPM. AVG PRESSURE 4404 #. MAX PRESSURE ### 5730 #. MAX SAND CONS .40 # PER GAL. ISIP 5610 #. FRAC GRADIENT .66. SWI. RD SCHLUMBERGER.										
01/04/2005 12:00	HELD SAFET OK. PERFOR 5854' W/ 1/2 S	Y MEETING. RU LATED THE POIN	J BLUE JET. F T LOOKOUT \ :0' W/ 1/2 SPF	RIH W/ 4 1/2 W/3 1/8" 90		JG. SET PLUG @ FIRE PERFORATIN	6050'. TESTEI NG GUN. PERF	OPLUG TO 48 FORATED FRO	OM 5842' -		
02/15/2005 07:15	4500 #. PUM 0 #. ISIP 0 #. W/ 1 G/MG FF FOR PROPPA MAX PRESSL COMPOSIT PI SELECT FIRE SPF, 5564' - 5 CH & MEN. T PAD @ 42 BP DOWN RATE W/ 65 Q SLIC VOLUME WIT AVG PRISSUI SCHLUMBER Crew held PJ any obstacles equipment to necessary rej	IPED PRE PAD (PUMPED 100 R, 125,000 # OF ANT FLOWBACH JRE 2300 #. MA LUG. SET PLUG E PERFORATING 5572' W/ 1/2 SPE TESTED LINES TO M @ 903 #. STE TO 10 BPM @ (K FOAM W/ 1 G TH PROPNET FO RE 2660 #. MAX GER. START FI ISA meeting. Ta s, using tire chail a area near wells	2 42 BPM @ 1 0 GALS OF 15 16/30 BRADY C CONTROL. X SAND CON 6 @ 5720'. TES 6 GUN. PERF 7, 5592' - 5606 0 5800 #. SET PPED DOWN #. ISIP 0 #. WMG FR, 100, PRESSURE 3 OWBACK. Iked about cons, driving in ite. Location a	196 #. STEF 5% HCL AC SAND AND 1,520,300 S S 1.5 # PEI STED PLUC FORATED I S' W/ 1/2 SF F POP OFF RATE TO 3 PUMPEE 000 # OF 1 T FLOWBA 3967 #. MA muddy cor and roads	PPED DOWN RATE D @ 10 BPM @ 4 D TREATED THE LA GCF N2 & 1420 BBL R GAL. ISIP 819 #. G TO 4800 #. HELC FROM 5449' - 5453 PF, 5684' - 5694' W @ 4500 #. BROKI BY BPM @ 335 #. S D 1000 GALS OF 15 6/30 BRADY SAND CK CONTROL. 1,2: X SAND CONS 1.5	TO 37 BPM @ 76 0 #. FRAC'D THE AST 15% OF TOTA S FLUID. AVG RA FRAC GRADIENT OK. PERFORATE 1 W/ 1/2 SPF, 5495 1/2 SPF. A TOTE DOWN FORMATE TEPPED DOWN FORMATE OAND TREATED TO 58,100 SCF N2 & 16 5 # PER GAL. ISIP tions. Talked about outlined general seroad equipment is	#. STEPPED D POINT LOOKO AL PROPPANT ATE 45 BPM. A IT. 44. RU BLUE ED THE CH & M I'- 5511' W/ 1/2 FAL OF 39 HOL ION @ 3 BPM (I) ION @ 3 BPM (I) ION ED TO 22 BP ION BPM @ 0 #. I'HE LAST 15% ION BBLS FLU IN TRACE IN TRACE	DOWN RATE TOUT W/ 65 Q SON OCCUME WITH W/ 65 Q SON OCCUME WITH W/ MEN W/3 1/8" 9 SPF, 5518" - 5 SES W/ 0.34. FOR MO (100 HE) W/ 100	TO 32 BPM @ LICK FOAM TH PROPNET RE 1927 #. 4 1/2' 60 DEGREE 6532' W/ 1/2 FRAC'D THE UMPED PRE TEPPED CH & MEN. ROPPANT E 50 BPM. 44. RD ching out for #11 and all and made		
02/16/2005 06:00	Operations w	ere shutdown for	or the day due	e to poor le	ase road condition	ns. Heavy rains ha	ad made lease	roads very m	nuddy.		
02/17/2005 07:15	SICP- 380 Psi Hold PJSA m equipment on equipment. O Lease roads a Secured leas	i neeting with rig on muddy lease ro nuddy lease ro nutlined safety to and location we se. Released cre	rew. Talked a pads. Talked a pics. Road K re very muddy ws. Shutdow	bout conduations to bout spott ey rig #11 y and rutter	ucting safe job ope ing rig and equipm and associated equ d. Had to use a roa	rations. Talked ab ent on location, us uipment to locatior	out moving in i sing ground gu n. Spotted rig a	rig and associ ides, watching nd equipment	ated g for other t on location.		
02/18/2005 07:15 02/21/2005 06:00	Attempted to the side of the tubing coming	road in roustab e lease road wit g from town. Ca	out crew and In truck and ed Incelled opera	quipment. I	help with rig up o Lease roads were le day, crews relea	extremely muddy					
	Lease roads Operations ca Crews unable	were very mudo ancelled for the	y and in poor day. Attempt on with trucks	ed to road and equip	ment. Trucks kep	crews and backho					
02/23/2005 07:00	No operation:	s for the day.									
02/24/2005 07:00	No operation	s tor the day.		1919 S. T							

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Report generated on 03/28/2005

WellView®

SAN JUAN 2	9 6 UNI	T #090F			Daily S	Summar	y Paris		Initi	al Com	pletion		
API/UWI 300392762300	County RIO A	RRIBA	State/Provi			gal Location 29N-06W-15-A		N/S Dist. (ft) 400.0	N/S Ref.	E/W Dist. (ft) 400.0	EW Ref.		
Ground Elevation (ft) 6748.00		Spud Date 11/24/2		Rig Release I	Date 9/2004	Latitude (DMS) 36° 43' 54.66"	N		Longitude (DMS 107° 26' 31.				
07-40.00	Prante les sauvens	erus rado El francisco de	2007	12700	Distriction of the second	100 40 04.00	ON A PROPERTY OF THE PROPERTY	CELL SAME DE SAME PAR	Description of				
Start Date 02/25/2005 07:00	No operation	ons for the	day			Ops This R	Pot						
02/28/2005 07:15	SICP- 380 F	Psi								- ***	7		
	avoid those up Key Rig Killed well v valve and s (250 Psi for Drained all	Hold PJSA meeting with crews. Talked about conducting safe rig up operations. Talked about possible job hazards and how to avoid those hazards. Talked about working on muddy, slippery location. Outlined safety topics associated with job. Start rigging up Key Rig #11 equipment. Location was very muddy and deeply rutted. Told crews to take extra time and be safe and careful. Killed well with 10 bbls of 2% kcl water. Installed tubing hanger assembly with BPV. Secured lockdown pins. Nipple down Fracture and spool assembly. Nipple up BOP assembly and blooie line assembly. Test BOP blind and pipe ram assemblies with a low (250 Psi for 10 min.) and a high (2,000 Psi for 15 min.) test. Tests were successful. Close in blind rams, secured well and lease. Drained all lines and rig pump. Shutdown operations for the day. SICP- 380 Psi Hold PJSA meeting with crew. Talked about conducting safe job operations. Talked about hazards of planned job operations and											
03/01/2005 06:00	Hold PJSA how to safe on location assembly. 2 3/8" x .97 tested good	meeting wi ely avoid the . Had to use Install new '' string float d. Start air u /8" tubing ir	ose hazar e rig up tro / stripping t, 2 3/8" tu init at 1,20 nto well. T	ds. Outline ucks to hel rubber as ubing. Tripp 00 CFM with	ed general lp spot tubi sembly. Tr ped tubing th 3 BPH fo ad fill or brid	safety topics. (ng trailer. Kill ca ip into well with to 3,236'. Rigge pam/mist. Well u dge at 4,680' K.E	Conducted rig asing with 10 1- 3.875" O.E d up air unit t nloaded light	g inspection bbls of 2% D. x .30' Mil to unload w mist, no sa	n. Dawn Truckel water. P Il-Tooth bit, 1 ell. Tested a ind. Shutdov	cking spotted ull tubing har I- 2 3/8" x 1.8 ir lines to 1,4 wn air unit. C	l tubing trailer nger 31' bit sub, 1- 00 Psi, ontinued		
03/02/2005 07:15	SICP- 400 I Hold PJSA	Psi meeting w	ith crew.	Talked abo	out planned	d operations and		•	•				
The state of the s	Blowdown 5 BPH foar	well into flo n/mist. San tubing to 5	wback pit d fill in cas	. Rig up ai	r unit to tub ot a bridge	ctly, lifting corre ping to cleanout . Cleaned out sa ed pipe rams. Dr	sand fill. Tub and fill to 5,34	ing at 4,68 0'. Well ma	0'. Started a de light fluid	ir at 1,200 C (1/2 BPH).	FM with 3 to Shutdown air		
	operations trapped pre of fill made out sand fill valve onto minute, 1 E	meeting wi . Safety top essure, and overnight). I to 5,720' (t tubing. Let BPH fluid).	ics includ I other sat Rig up at oridge plug well flow i	ed first aid fety items. ir unit to tu g). Well ma natural up	d, tripping h Blowdowi bing to clea ade sand, li annulus, b	operations and nazards, pinch p n well into flowb anout sand fill. S ight fluid (1/2 BF looie line to flow lines of fluid. Se	points, using ack pit. Trip to tarted air at 1 PH). Shutdow	tools correctubing into 1,200 CFM wn air unit. Il was mak	ctly, lifting co well to tag fi with 3 to 5 B Pulled tubing ing light san	orrectly, watch II. Tagged fill PH foam/mis g to 5,400'. In d, light fluid (thing for at 5,335' (5' t. Cleaned stall TIW		
03/04/2005 07:15	Crew held conducting watching for tag any fill of fluid from v Installed neatmosphere witnessed at 1,200 Cl clean. Shu 2nd plug at sand and li	PJSA meet a safe opera or trapped p on bridge pl well, with no ew 1/2" cho e thru 1/2" cho by Sergio S FM with 8 B atdown air u 6,050'). Rig ght fluid ret	ations. Sa pressure, ug. Rig u p sand. Sh ke into flo choke. S pn at 1,28 perna (Rig derna (Rig derna (Rig derna (Rig derna (Rig derna (Rig derna). She curns. She	fety topics and other p air unit to utdown air wback line ITP- N/A (9 Operator) (mist. Drille own air un it to tubing utdown air air de tudown air un air de tudown air un	included fi safety item o tubing to r unit. Rig e. Tested L string float with 5- Bbl . Tripped t ed out plug it off of tub g. Start air u	lanned operation irst aid, tripping ins. Blowdown wunload fluid. Stadown air unit off pper Mesa Verin tubing), FCP is water per day ubing into well to, no increase in ing. Tripped into init at 1,200 CFI lown air unit off ams. Drained all	hazards, pine vell into flowth inted air at 1,2 f of tubing. To de perfs (5,44 Avg 195 Psi f, 0- Bbls of Co o Bridge Plug pressure was bowell with tut M with 3 BPH of tubing. Tri	ch points, to pack pit. Tree to CFM with the tubing to the tubing to the total per day, and to t	using tools of tubing into the 3 BPH foat to 5,590'. Rigup tubing/catefficient: 6.6 with no sandal using up air ureculated with the fill or bridge Cleaned out tubing about tubing about tubing about the property of the sandal tubing about the sand	orrectly, lifting well to tag to am/mist. Unlow up flowback asing annulus of returns. Te air until returnge at 5,808' (at to 5,872'. We Mesa Vere	g correctly, fill. Did not aded light line. s to dicated Upper st was Start air unit rns were 242' from ell made de perfs to		
03/07/2005 07:15	SICP- 350 I Hold PJSA how to safe well to tag foam/mist. air/mist unt Kill well wit	meeting wi ely avoid th fill. Tagged Cleaned ou til returns w th 15 bbls o	ose haza fill at 5,85 it to 2nd b ere reduc f 2% kcl v	rds. Outlin i5' (17' of fi ridge plug ed. Shutd vater. Trip	ed genera ill over wee at 6,050'. \ lown air un out of well	ing safe job ope I safety topics. kend). Rig up a Well made heav it. Rig down off with last 10 sta ase. Shutdown	Blowdown ware ir unit to tubin y sand (4 cup tubing. Start ands of tubing	ell into flowing. Start air os in a minu tripping 2 3 g. Nipple do	back pit. Tri unit at 1,20 ite) and light 3/8" tubing a	pped 2 3/8" (0 CFM with 5 fluid. Continued tools out	tubing into BPH ued with of the well.		

	9 6 UNIT #090			Summary					pletion
API/UWI 300392762300	County RIO ARRIBA	State/Province NEW MEXICO		gal Location 29N-06W-15-A	I ^{N/S}	S Dist. (ft) 400.0	N/S Ref. N	E/W Dist. (ft) 400.0	E/W Ref.
Ground Elevation (ft)	Spud Date	Rig Rela	ease Date	Latitude (DMS)		Lo	ongitude (DMS)		
6748.00	11/24	/2004 1	2/09/2004	36° 43' 54.66" N		[10	07° 26' 31.	632" W	
Start Date	Complete Company of the Company of t		en e	Ops This Rot	egalitaria manahan kalbarasi	iosoprasia ki	BBRELSU T BLUE	4.1580083131084.	iki gangan kanangan ini ka
03/08/2005 07:15	SICP- 350 Psi			SEE TIME I ME					
	Hold PJSA meeting vaid, tripping hazards. Blowdown well into find Start into well with 1 turned down collars. water down tubing. Fit tool, 1- with plug pullistring float. Trip 2 3/8 unit at 1,200 CFM with reduced. Shutdown a Shutdown operation.	, pinch points, usi lowback pit. Nippi92' x 2 3/8" Mule Tripped tubing to tun in with slicklin ng tool. Rig down " tubing into the with 5 BPH foam/mi ir unit. Trip 2 3/8	ing tools corre- le up BHA. Insessions, 183' 5,243'. Installer le to pull Baker and released vell to tag fill. T st. Cleaned ou	ctly, lifting correctly, tall new stripping rux 1.81" I.D.x 2 3/8" ITW valve onto tube plug from F-Nipple slickline unit. Kill tul agged fill at 6,015' (t to 6,050'. Well mace	watching for ubber assem F-Nipple with bing. Rig up and a tolubing with 4 bing of fill on de sand and	or trapped or trapped on trapped the the the the the trappert Slick tall of 2 rund bls 2% kc 2nd plug). I light fluid.	pressure, rell with 15 lug installe ckline unit. is. 1- with p cl water. Re Rig up air Continued	and other sa bbls of 2% k d, 2 3/8" tubi Pump 3 bbls pressure disc moved TIW unit to tubing with air until	afety items. ccl water. ing with of 2% kcl c puncturing valve. Install g. Start air returns were
03/09/2005 07:15	SICP- 350 Psi SITP- Hold PJSA meeting vaid, tripping hazards Rig up swabbing tee well up tubing until Pl Installed ProTechnics spinner survey tools FTP Avg 180 Psi. T production engineer recorded, trip slickling and tools. Trip 2 3/8 the well with tubing. Notity 1- 2 3/8" x 1.81" brams. Drained all line	350 Psi with crew. Talked pinch points, usi onto TIW valve. I roTechnics, slickli s spinner survey I up the tubing to a est was witnesse (Lucas Bazan). e into well with 1.8 " tubing out of the Nipple down Mule it sub, 1- 2 3/8" x	ing tools corre Rig up flowbac ine unit were ri logging tools o atmosphere thr ed by Sergio S Testing comple 31" Baker plug well. Kill well shoe, F-Nipple 97' string floa	ctly, lifting correctly, ck line off of tubing i gged up and ready i nto slickline. Flow to u a new 1/2" choke erna (Rig Operator) eted, rig down tools . Set plug in F-Nipple with 15 bbls of 2% log. Nipple up bit asse t, 2 3/8" tubing. Triple	watching for into flowback to start test. tested the M at surface (i). Spinner s. Check too le at 5,242'. kcl water to embly. Trip is ped tubing to	or trapped k line with Ran slickl lesa Verde Choke coeurvey procests to verify Plug set, ripull last 5 into well with	pressure, a new 1/2' ine gauge perfs (5,4 efficient: 6.4 duction res that data ig down an stands of t	and other sa " choke insta ring and tage 49'- 5,958') ti 6). SICP Ave ults will be vi was recorde d release slic ubing. Cont " O.D. x .30'	afety items. alled. Flow ged at 6,050'. hru the g 310 Psi. erified by d. Data was ckline unit inued out of Mill-Tooth
	Hold PJSA meeting voperations. Safety to trapped pressure, an 6,020' (30' of fill made out fill to 6,050' (brid Rig down air unit fror choke into flowback I choke. SITP- N/A (stiproduction at 1,551 I Sergio Serna (Rig Opassembly. Start air ur also a increase in flui unit. Rig down power pipe rams. Drained li	pics included firs dother safety ite eovernight). Rig ge plug). Well man tubing. Tripped ine. Tested Overaring float in tubing MCFPD with 3-B perator). Testing hit at 1,200 CFM vid flow with light Eswivel, air unit. T	t aid, tripping It ms. Blowdow up air unit to tu de light sand a tubing to 5,704 all Mesa Verde), FCP Avg 2 bls water per completed. Tri with 8 BPH foa Dakota Carbolii Trip and tally 2	nazards, pinch point in well into flowback bing to cleanout fill. and fluid. Continued to test overall Mes cone (5,449'- 5,958 35 Psi. (Choke coeff day, 1/2- Bbl of Oil p p 2 3/8" tubing into v m/mist. Drilled thru ge proppant. Continu 3/8" tubing into well.	ts, using took pit. Trip tub Started air a I with air/mis sa Verde zon 8') up tubing fficient: 6.6) per day, with well to drill o plug, noticed ued with air/i	ols correctly bing into we at 1,200 CF at until returner. Rig up pressing an Testing in no sand but bridge pressing a large in mist until r	y, lifting covell to tag fi FM with 5 Erns were cl flowback I flowback I flow	errectly, watcomer to the second of the seco	ching for I or bridge at st. Cleaned own air unit. I new 1/2" /erde essed by ower swivel I blooie line, outdown air
03/11/2005 07:15	Crew held PJSA mee conducting safe oper watching for trapped 2 3/8" tubing into wel air unit at 1,200 CFM swivel, unable to get Bazan). Will trip out of 3/8" tubing. Killed we bit was very worn on blind rams. Drained a	rations. Safety top pressure, and ot I to tag fill. Tagger with 5 BPH foam any further than to of the well and ins Il with 20 bbls of the outside edge	pics included fi ther safety iten d fill at 8,050' (n/mist. Cleaned 8,075'. Casing spect drill bit. I 2% kcl water to s of the bit, bit	irst aid, tripping hazins. Blowdown well in 74' on PBTD). Rig to out sand fill to 8,07 may be damaged be remove the last 10 teeth. Possible collists.	eards, pinch into flowbac up air unit al 75, unable to below this de ower swivel 0 stands of the spsed or below to below the switch the spsed or below the switch the spsed or below the	points, usi ck pit. Mak nd power s get any fu epth. Talke assembly ubing. Car ad spot in	ing tools come repairs to swivel assent the control of the control	orrectly, lifting or slip-grip eldermbly onto tud drilling with ect engineer tof the well were the last 10 seconds.	g correctly, evators. Trip bing. Start the power (Lucas with the 2 stands. Drill

SAN JUAN 2	9 6 UNI	T#090F		Daily	Summary		Initi	al Com	pletion
API/UWI	County RIO AI		State/Provin		Legal Location M-29N-06W-15-A	N/S Dist. (ft) 400.0	N/S Ref.	E/W Dist. (ft) 400.0	E/W Ref.
300392762300 Ground Elevation (ft)	S	Spud Date	- 1	Rig Release Date	Latitude (DMS)	1 400.0	Longitude (DMS)	_1
6748.00		11/24/2	004	12/09/2004	36° 43' 54.66" N		107° 26' 31	.632" W	
Start Date		okera (kapan kapan k Kapan kapan ka	TE PER PER PER PER PER PER PER PER PER PE	PET LET STORE OF A THEOTHER CLASS PL	Ops This Rot		skonerniskungs:		
	operations. trapped pre- kcl water. In 1-1.81' x 2 swivel asser spot in casir air unit off operations	meeting on l Safety topic ssure, and c nstall new sl 3/8" bit sub, mbly to tubir ng. Increase f tubing. Trip for the day.	es include other safe tripping ru , 1- 2 3/8" ng. Start a ed foam/n oped tubi	ed first aid, tripping ety items. Blowdow ubber assembly. T 'x .97' string float, air unit at 1,200 CF nist to 8 BPH. Mille	ned operations and has hazards, pinch poin vn well into flowback rip into well with 1-3. 2 3/8" tubing from de M with 5 BPH foam/ned to 8,077.50'. Shutdled TIW valve, closed	ts, using tools corre tank. Nipple up mill 1875" O.D. x .1.14' errick. Tagged fill at nist. Cleaned out sa lown milling. Shutdo	ectly, lifting coing tools. Kill Pilot Mill, 1-3 8,050'. Rig und fill to 8,07 wn air unit. F	orrectly, wato casing with 2 3.875" x 4.25' p air unit and 5'. Started mil Rig down pow	ching for 20 bbls of 2% String Mill, power lling on bad rer swivel and
03/15/2005 07:45	SICP- 520 P Hold PJSA operations. trapped pre power swive unit pop-offs 8,078'. Incre any further, power swive Shutdown f	Psi meeting with Safety topic ssure, and cel, air unit to s. Reduced eased foam/r mills may bel, air unit of for the day.	h crew. To cs include other safe to tubing. So to 3 BPH mist to 8 I pe worn.	ed first aid, tripping ety items. Blowdo Start air unit at 1,2 I until heavy foam BPH. Well made lig Shutdown milling,	ed operations and hat by hazards, pinch poin wn well into flowback 00 CFM with 5 BPH for was circulated out of ght Dakota sand return circulate with air/mis ',810'. Installed TIW v	nts, using tools corre pit. Trip tubing into oam/mist. Well logg well. Heavy foam on s with light metal poor t until returns were	ectly, lifting ca well to tag fi ed off with he circulated out articles. Milled clean. Shutc	orrectly, wato II. No fill tagg eavy foam, se t of well, start d to 8,080'. U down air unit,	ching for ed. Rig up etting off air ed milling at Inable to mill rig down
03/16/2005 07:00	operations. trapped pre float from tu Came out w teeth assert to indicate the Installed ne F-Nipple, 2 Layed dowrall lines of float from the control of the	meeting on Safety topic soure, and obling. Trip 2 with last 10 s obly. The 3.1 hat the tight w stripping 3/8" tubing on bad tubing luid. Secure	cs include other safe 3/8" tubi stands. In: 1875" pilo spot in tr rubber. S with turne and conf	ed first aid, tripping ety items. Blowdong and milling too spected mill assert mill had no wear casing was mill tart into well with ed down collars, di	ned operations and hig hazards, pinch poin win well into flowback is out of well. Kill well inbly wear pattern. Th on its milling assemb ed and should be repa 191' x 2 3/8" Mule s ifting per COPC policiting per policy. Tubin ions for the day.	ats, using tools corre to pit. Kill tubing with with 15 bbls of 2% e 3.875" string mill by. From the appear aired. Nipple down re shoe with expendab by. Had 60 joints (1,	ectly, lifting c 5 bbls of 2% kcl water to t was worn in t ance of the s nill assembly le check, 1- 382') of tubin	orrectly, water. Firip out last 10 the middle of tring mill, it with Nipple up n 83' x 1.81" I.i g that would it	ching for Remove string D stands. the cutting could appear new BHA. D.x 2 3/8" not drift.
03/17/2005 07:15	to avoid haz correctly, w trailer. Tally Start air unit unloaded at light fluid re string float a assembly. F 8 bbls of 2% tubing for 15 up any fluid remove strir rams. Flow	meeting on zards of plan atching for tubing. Trip t at 1,200 Clout a 10 bt turns. Conting t 7,877'. Kill Reinstalled s 6 kcl behind 5 minutes. The sand returng float. Insteak well up	nned ope trapped p into well FM with 3 ol slug of nued with Il tubing w string float ball, follo ested go ns. Shuto tall TIW vio	erations. Safety top oressure, and other with 2 3/8" tubing B to 5 BPH foam/m fluid. Well then man in air/mist until retu vith 5 bbls of 2% k at onto tubing. Trip ow with air at 1,200 od. Resumed air/m down air unit, pulle alve onto tubing, r	about planned operations included first aid, or safety items. Blow drifting per COPC polist. No resistance or cade light Dakota fractors were cleaned. Stoll water to remove structure with 3 BPH for an and pumped official dubing to string flowing to string flowing up tubing to flowbard e assembly. FTP Avgons for the day.	tripping hazards, p down well into flow licy. Tagged fill or br drag were felt at 8,0 sand, with a slight a nutdown air unit. Rig ring float. Dropped I '. Rig up air unit to to am/mist. At 1,000 Po theck at 1,200 Psi si at at 7,877'. Kill tubir ck line with 1/2" cho	inch points, uback pit. Spo idge at 8,060 75'. Cleaned mount of Me g down off tul pall to pump bubing. Pump si, shutdown urface. Conting with 5 bbls ke assembly	using tools contreplacement. Rig up air under the sand fill to sa Verde fractions. Trip 2 3 cout expendate off expendate air unit. Presumed with air unstalled. Clot installed.	orrectly, lifting ant tubing ant tubing and tubing. o 8,131'. Well as sand, with /8" tubing to ble check ble check with sure test faits to clean ater to beed pipe

SAN JUAN 2	29 6 UNI	T #090F				Initia	l Comp	letion
API/UWI	County	State/P	Seat to the wind the constitution of the seat of the s	Summary ggal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	EW Ref.
300392762300	RIO A	RRIBA NEW	MEXICO NMPM	-29N-06W-15-A	400.0	N	400.0	E E
Ground Elevation (ft) 6748.00		Spud Date 11/24/2004	Rig Release Date 12/09/2004	Latitude (DMS) 36° 43' 54.66" N		Longitude (DMS) 107° 26' 31.63	32" W	
STRUCKING IN SERVICE	werden en der	· · · · · · · · · · · · · · · · · · ·	inglogion/1987年1987年1987年1987年1987年1987年1987年1987年	ane saskanasananan errattas	and an antimest Statement	jagrakayabu kabi kabisi kabisi sayan	de sono graves o reseaso a co	en menteen all through
03/18/2005 07:15	FINAL REPO	ORT		. Oos This Rot				
Start Date 03/18/2005 07:15	SICP- 400 F Crew held I well into flowith 3 BPH with a new slickline. F coefficient: results to b per day. R was made. tubing to la 8,014.71' K hanger. Let Move comp	DRT Psi SITP- 520 Psi PJSA meeting on I wback pit. Trip 2 3 foam/mist. Cleane 1/2" choke installed of tubing tool and low tested the Dak 6.6). SICP Avg 3 e verified by Lucas ig down and releas Rig up air unit to 6 nd. Install tubing h .B. Top of 1.81" I.D t well flow up tubin bletion rig off locati	ocation. Oulined plann /8" tubing into the well ed out to 8,131'. Tripped d. Flow well up tubing d tagged at 8,129'. End tota perfs (8,008'- 8,07' 860 Psi. FTP Avg 100's Bazan. Dakota produced ProTechnics and stubing. Start air at 1,20' anger assembly with B D. F-Nipple at 8,012.97' g while rigging down c	ed job operations, and he to tag fill. Tagged fill at 8, d tubing to 7,878' to test. I until ProTechnics, slickl of tubing at 7,878'. Insta 7') thru the spinner tool u Psi. Test was witnessed ction results are as following the completion of the c	,125' (6' of fill). Install TIW valvine unit were righted ProTechnic p the tubing to by Sergio Senws: 372- MCFP owback assemble units. Unloaded ellhead, lockdownipple up wellhement. Shut in vent.	mplete those of Rig up air unit, re, rig up flowbegged up and ress spinner surveatmosphere the read (Rig Operation, 19.4-Bbls voly. Trip 2 3/8" fluid from well, repins secured ad. Seals testewell, location of	perations. BI start air at 1,2 ack line off of eady to start to ey logging too ru a 1/2" choke for). Spinner se water per day tubing into we no sand. Pull d. Tubing land ed, BPV remo eaned and se	200 CFM f tubing est. Ran ols onto ke (Choke survey , 0-Bbls oil ell. No fill I 4 joints of ded at oved from ecured.
			o norman sporte					