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	ETION C	R RE	COMPI	LETION	REPO	RT A	ND L	.OG			ase Serial N MSF07897		
	Well f Completion	⊠ ^N	☑ Gas` lew Well er	Well Worl	Dry Over	Othe		Plug E	Back	□ Diff. I	Resvr.				Tribe Name nt Name and No.
2. Name of Operator Contact: DEBORAH MARBERRY											ase Name a				
CONOCÓ INC E-Mail: deborah.a.marberry@conoco.com											AN JUAN 2 PI Well No.	28-7 1	45G		
HOUSTON, TX 77252-2197 Ph: 832.486.2326)	30-039-26989-00-C1					
Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T27N R7W Mer NMP									10. Field and Pool, or Exploratory BASIN DAKOTA						
At surface NWSW 2050FSL 880FWL At top prod interval reported below										11. Sec., T., R., M., or Block and Survey or Area Sec 10 T27N R7W Mer NMP					
At total depth									12. County or Parish RIO ARRIBA NM						
14. Date Spudded 08/11/2002 15. Date T.D. R 08/11/2002												17. Elevations (DF, KB, RT, GL)* 6601 GL			
18. Total D	Depth:	MD TVD	7649		19. Plug	Back T.D).: ME						epth Bridge Plug Set: MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR OTH 22. Was well con Was DST ru Directional S								DST run?	? vey?	ioπiNo ñ	∸i Yes	(Submit analysis) (Submit analysis) (Submit analysis)			
23. Casing a	nd Liner Reco	ord (Repo	ort all string:	,		10				201 0	Lav			ı	
Hole Size	Size/Gr	ade	Wt. (#/ft.)	Top (MD		ottom S MD)	tage Cemer Depth	nter		f Sks. & of Cement	Slurry (BB		Cement T	op*	Amount Pulled
12.250		0 -9.625	36.0		0	212		_		8				0	
6.250	8.750 55.000 8.75 6.250 55.000 4.5		11.0		0			+	509					2292	
	ļ <u>-</u>				_			\dashv							
24. Tubing	Record		l												
	Depth Set (M		acker Depth	(MD)	Size	Depth S	Set (MD)	Pac	ker Dej	oth (MD)	Size	De	pth Set (MI	D) I	Packer Depth (MD)
2.375 25. Produci		440				26. Pe	erforation I	Record	i		<u> </u>				
Fo	ormation		Тор		Bottom		Perfora				Size		lo. Holes		Perf. Status
A) DAKOTA			·	7416	75	92			7416 T	O 7592	3.13	30	66	OPEN	1
B) C)				-+		- 						+			
D)															
	racture, Treat Depth Interva		ment Squeez	e, Etc.				Ame	ount and	l Type of l	Material				
	:		592 FRAC V	V/80,000#	# 20/40 S#	AND & 327	O BBLS FL						·		
															
	tion - Interval					,							\ .		
Date First Produced 10/16/2002	Test Date 10/03/2002	Hours Tested 24	Test Production	Oil BBL 0.5	Gas MCF 12	54.0 Wat BBI		Oil Gravi Corr. AP		Gas Gravi		Producti	on Method	S FRO	M WELL
Choke Size	Tbg. Press. Flwg. 400 SI	Csg. Press. 900.0	24 Hr. Rate	Oil BBL	Gas MCF	Wat BBI		Gas:Oil Ratio		Well S	Status PGW				
	ction - Interva				<u> </u>								.		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Wai BBi		oil Grav Orr. AP		Gas Gravi	AC	Product CEPT	ED FOR	REC	ORL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	War BBI		Gas:Oil Ratio		Well	Status	NO	V 2 5	2002	
ELECTRO	tions and space NIC SUBMIS ** REVISE	SSÍON#	15972 VER	FIED B	Y THE E	LM WEI	LL INFOR SED ** F	MAT REV I	ION S	YSTEM ** REVI	F/ SED **	KRMIN KEV	IGTON FIE	BEA1	FICE SED **

NMOCD

28k Dec 3	uction - Info	n/al C										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	s	Production Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		avity			
Choke Size	Tbg Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	We	ell Status			
	uction - Inte			1				- La				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gra	s avity	Production Method		
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	We	ell Status		'	
29. Dispo		(Sold, used	for fuel, ven	ted, etc.)				•		,		
Show tests,	all importan	t zones of p	oclude Aquife porosity and c tested, cushi	ontents ther	eof: Core ne tool op	d intervals and en, flowing an	d all drill-stem d shut-in press	sures	31. For	mation (Log) Ma	rkers	
	Formation		Тор	Bottom		Descripti	ons, Contents,	etc.		Name		Top Meas. Depth
SAN JOS NACIMIEI OJO ALA	NTO MO	s (include r	0 982 2276	982 2276 2438					KIF PIC CH CL ME PO GA GR	O ALAMO RTLAND LTURED CLIFF ACRA FF HOUSE NEFEE INT LOOKOUT LLUP EENHORN KOTA		2171 2275 3122 4091 4827 4916 5388 6597 7295 7359
are th	e enclosed at ectrical/Mecl	nmaries. tachments: hanical Log	mmingled in	eq'd.)		2. Geologi 6. Core Ar	•		3. DST Re	port	4. Direction	nal Survey
		-	Elect	tronic Subn I to AFMSS	nission #1 For CO	15972 Verifie NOCO INC,	d by the BLM sent to the Fa rienne Garcia	Well Infor	mation Sy:	(G0264SE)	iched instructi	ons):
Signa	Signature (Electronic Submission) Date 11/11/2002											
							or any person l as to any matt			to make to any on.	department or	agency
	** REVIS	SED ** R	REVISED	** REVIS	SED **	REVISED	** REVISE	D ** RE\	/ISED **	REVISED *	* REVISED) **

SAN JUAN	28-7 UNIT 145G		Initial Completion
	Daily Su		•
API/UWI 300392698900 Ground Elevation (ft) 6601.0	· · · · · · · · · · · · · · · · · · ·		
Start Date		Ops This Rpt	
9/14/2002 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER PRE TOP OF CEMENT @ 2292'. RAN TDT LOG FROM 7646 PRESSURED TESTED 4 1/2" CSG TO 4300 #. HELD O	' TO 2200'. RAN GR/CCL LOG FRO	
9/20/2002 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATE PERFORATING GUN. PERFORATED FROM 7416' - 74 7564' W/ 1 SPF, 7572' - 7576' W/ 1 SPF, 7584' - 7592' W/	134' W/ 1 SPF, 7496' - 7500' W/ 1 SF	PF, 7526' - 7546' W/ 1 SPF, 7558' -
9/23/2002 00:00	HELD SAFETY MEETING. RU HALLIBURTON. FRAC'D BROKE DOWN FORMATION @ 5 BPM @ 1982 #. DRO PER BBL AND 2 BALLS PER BBL FOR THE REMAINING SEALERS. GOOD BALL ACTION. BALLED OFF @ 380 SEALERS. PUMPED PRE PAD @ 34 BPM @ 3733 #. STO 20 BPM @ 2435 #. STEPPED DOWN RATE TO 10 E 20 MIN 363 #. 25 MIN 200 #. 30 MIN 75 #. FRAC'D TH BBLS FLUID. AVG RATE 60 BPM. AVG PRESSURE 32 2127 #. FRAC GRADIENT .65. (SSM).	PPED 24 BALL SEALERS IN 1000 G 55 BALL SEALERS @ 20 BPM @ IO #. RU BLUE JET. RIH W/ JUNK STEPPED DOWN RATE TO 30 BPN BPM @ 1764 #. ISIP 1575 #. 5 MIN HE DAKOTA W/ SLICKWATER, 80,0	GALS OF 15% HCL ACID @ 1 BALL 2377 #. A TOTAL OF 79 BALL BASKET. RETRIEVED 69 BALL M @ 3303 #. STEPPED DOWN RATE 1128 #. 10 MIN 822 #. 15 MIN 565 #. 200 # 20/40 BRADY SAND & 3270
9/23/2002 00:00	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2 OK. PERFORATED POINT LOOKOUT. RIH W/ 3 1/8" 9 5390'-5400' W/ 1/2 SPF, 5408'-5440' W/ 1/2 SPF, 5454'- 5 TOTAL OF 35 HOLES. RU HALLIBURTON. FRAC'D TH 3890 #. BROKE DOWN FORMATION @ 5 BPM @ 2788 BBL FOR REMAINING 22 BALL SEALERS @ 20 BPM @ BALLED OFF @ 3650 #. RIH W/ JUNK BASKET AND RISTEPPED DOWN RATE TO 29 BPM @ 1337 #. STEPPED DOWN RATE TO 29 BPM @ 1337 #. STEPPED M @ 60. ISIP 0 #. FRAC'D THE POINT LOOKOUT 1997,000 SCF N2 AND 1222 BBLS FLUID. AVG RATE 41 CONS 1.50 # PER GAL. ISIP 1404 #. FRAC GRADIENT	00 DEGREE SELECT FIRE PERFOI 5458' W/ 1/2 SPF, 5472'-5482' W/ 1/ IE POINT LOOKOUT. TESTED LIN #. DROPPED 20 BALL SEALERS © 1060 # A TOTAL OF 42 BALL S ETRIVED 42 BALLS. PUMPED PR ED DOWN RATE TO 23 BPM @ 75 W/ 65 Q SLICK FOAM W/ 1G/MG F I BPM. AVG PRESSURE 1639 #. M	RATING GUN. PERFORATED FROM 1/2 SPF, 5496'- 5500' W/1/2 SPF. A NES TO 5390 #. SET POP-OFF @ @ 1 BALL PER BBL & 2 BALLS PER SEALERS. GOOD BALL ACTION. E PAD @ 35 BPM @ 2024 #. 8 #. STEPPED DOWN RATE TO 14 FR, 100,000 # OF 20/40 BRADY. MAX PRESSURE 2067 #. MAX SAND
9/26/2002 00:00 9/27/2002 00:00	HELD SAFETY MTG. SPOT UNIT AND EQUIPMENT. CO HELD SAFETY MTG. SICP=800#. BLEED CSG. DOWN. TEST 250# LOW SIDE AND 5000# HIGH. TEST WAS GO SECURE WELL AND SDFN. AWS.	RU UNIT AND EQUIPMENT. KILL	CSG. ND FRAC STACK. NU BOP AND
9/30/2002 00:00	HELD SAFETY MTG. SICP= 1100#. BLEED DOWN CSG MIST AND CLEAN OUT TO 5540' W/ 2 JTS. CIRCULATE IS AS FOLLOWS: MV PERFS TESTED 5390'-5500' 2 3/8" TBG. SET @ 5318' W/KB TESTED W/ 1/2" CHOKE. (COEFICIENT OF 6.6) SICP=440# FTP=210# MV PRODUCTION = 1386 MCFPD 1/2 BOPD 2 BWPD 0 BCPD NO SAND. TEST WITNESSED BY T. MONK W/ KEY ENERGY SER' TIH W/ 7 JTS AND TAG FILL @ 5530'. BUILD AIR AND CHOLE 3 JTS. CIRCULATE CLEAN. SECURE WELL AND	E CLEAN. POOH W/ 7 JTS AND TE VICES CLEAN OUT TO PLUG @ 5600'. DR	ST MV PERFS @ 5318' W/ KB. TEST
10/1/2002 00:00	HELD SAFETY MTG. SICP= 1200#. BLEED CSG. DOWN PULL ABOVE PERFS AND REPAIR BLOOIE LINE. TIH V OUT TO PBTD OF 7624'. CIRCULATE CLEAN. POOH W	N/ 70 JTS AND TAG FILL @ 7553'.	FINISH DRILLING PLUG AND CLEAN
10/2/2002 00:00	HELD SAFETY MTG. SICP=1250#, BLEED CSG. DOWN W/ 241 JTS 2 3/8" TBG. TAG 15' OF FILL. C/O TO PBTD AWS.		

SAN JUAN 28-7 UNIT 145G Initial Completion Daily Summary API/UWI State/Province N/S Dist. (ft) E/W Dist. (ft) E/W Ref. 300392698900 RIO ARRIBA **NEW MEXICO** NMPM-27N-7W-10-L 2050.0 S 880.0 Ground Elevation (ft) Spud Date Rig Release Date Latitude (DMS) Longitude (DMS) 6601.00 8/11/2002 8/20/2002 36° 35' 12.7392" N 107° 34¹ 1.5708" W Start Date Ops This Rpt HELD SAFETY MTG. SICP=1250#. BLEED CSG. DOWN KILL TBG. TIH W/9 JTS. AND TAG FILL @ 7614'. BUILD AIR MIST AND CLEAN OUT TO PBTD OF 7624'. CIRCULATE CLEAN. POOH W/6 JTS AND LAND TBG. @ 7440' W/KB RD BOP, RU MASTER VALVE. GET FLOWING UP TBG. AND DHC TEST ON 1/2" CHOKE. TEST IS AS FOLLOWS: PERFS TESTED MV- 5390'-5500', DK PERFS- 7416'-7592' 10/3/2002 00:00 TBG. LANDED @ 7440' W/KB TESTED ON 1/2" CHOKE W/ 6.6 COEFICIENT SICP=900# FTP=400# TOTAL DHC PRODUCTION=2640 MCFPD MV PRODUCTION= 1386 MCFPD DK PRODUCTION= 1254 MCFPD 3 BWPD 1/2 BOPD 0 BCPD NO SAND TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. RD UNIT AND EQUIPMENT. TURN OVER TO OPERATOR AND EPNG FOR PRODUCTION, AWS. WellView[®]

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Report generated on 10/5/2002