Forn: 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SUBMIT IN DUPLICATE ** Style of their instructions on experse side)

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

	BUR	EAU OF	LAND MA	NAGEMEN ⁻				<u>U</u>	5. LEAS	SE DESIGN	ATION AN	ID SERIAL NO.
									4	08496-A		PACE L
	L COMPLETI	ON OR	RECON	PLETION	N REPO	RT AND L	OG	*				TRIBE NAME
1a. TYPE OF WEL									7. UNIT	AGREEME	NT NAME	
	OT A 1501 OII	WELL		GAS WEL	-∟ 🖂	OTHER				Juan 28		
b. TYPE OF CON NEW										M OR LEAS		
K 2	WORK	DE	<u>-</u> P-	DIFF.					1			
2. NAME OF OPE	OVER	EN		RESVR.	<u> </u>	OTHER			9. APIV		3-7 Uni	t #225E
CONOCO	INC.								į.		70	
3. ADDRESS OF	OPERATOR									039-2617 D AND POO		DOAT
P.O. Box 2	197, DU 3066	. Houst	on. TX	77252-219	97 (281) 293-1	613		1	in Dakot		LDCAT
LOCATION OF	WELL (Report locati	on clearly	and in acco	rdance with a	ny State rea	uirements) *	010	·				OCK AND SURVEY OR
At surface	1350' FSL & 233	0' FEL. I	UNIT LET	TER "J"		,			AREA	, 1., 18., 191., A	, OK BLC	CK AND SURVEY OR
At top prod. I At total depth	nterval reported	below							18-		N_{\cdot}	
At total depti		— т	14. PERM	ITNO	104	TE ICCUED			Sec	. 34, T28	3W-R71	
		l	14. PERM	II NO.	I DA	TE ISSUED			1	NTY OR PA		13. STATE
15. DATE SPUDDED	16.DATE T.D.	REACHE	D 17	. DATE COM	Pl /Paady	to prod)	140	FLEV (DE E	Rio	Arribia Co	unty	NM
11-1-99	1	1-99	- ''		2-22-99	to prod.)	10.			(, ETC) * '	19. ELE	V. CASINGHEAD
20. TOTAL DEPTH,			LUG BACK	T.D. MD. & T		22 15 MI II	THO) 5	619	O'SL	100		
					VU	ZZ. IF IVICAL	. 116.0	COMPL. HO	N MARY.		ERVALS [TARY	ORILLED BY CABLE
	30'			7324'				1000 IAN	~3	1	ols D	
24. PRODUCING IN	TERVAL(S) OF TH	S COMPL	ETION - TO	OP, BOTTOM,	NAME (MD	AND TVD)*	_	-CEIVE		100	25. W	TOOLS
							P	DIL CON D	v S	1		IRVEY MADE
7059' – 727	71' Basin Dak	ota					C	DIST. 3	(8)			
26. TYPE ELECTRI		S RUN				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ე ე	- UNC.	- S		27. W	AS WELL CORED
Cement Bo	nd Log					16	ر م					
28. CASING SIZE/GRADE	WEIGHT,	1 O/FT		CASING	RECORD (Report all string	s set	in Evelly to E	محورا			
9 5/8"	367		DE	PTH SET (MD) 458'		12 1/4"		TOP OF CEN	MENT, CEME		RD	AMOUNT PULLED
4 1/2"	10.5		 -	7333	-	8 3/4"			275 SXS			
				1471		0 /4			1840 SX	3		
29.	LINE	R RECO		1-17				30.		TUDIN		
SIZE	TOP (MD)	BC	TTOM (MD)	SACKS	CEMENT *	SCREEN	(MD)		ZE		G RECOR	PACKER SET (MD)
								2 3	3/8"	71	10'	
21 DEDECRATION	B50000 #	<u> </u>										
31. PERFORATION	RECORD (Interval,	size and r	number)		·	32.	A	CID, SHOT, FI	RACTURE,	CEMENT SO	QUEEZE,	ETC.
See attached su	ımmanı					L	JEPIH	INTERVAL (MD		AMOUN	T AND KINI	O OF MATERIAL USED
See allached St	ummary.											
							_			<u> </u>		
33. *					BBOBLIO							
DATE FIRST PRODU	CTION PRO	DUCTION	METHOD	Flowing, gas I	PRODUC	- size, and type	e of ou	imp)	TWELL	STATUS (Producina	ar abut in
12-22-99) Flo	wing		•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. J.	p)		ducing	rioducing	or snut-in)
DATE OF TEST	HOURS TESTED	CHOK	E SIZE		FOR TEST	OIL - BBL		GAS - MC		WATER - E	BBL	GAS - OIL RATIC
12-22-99	24 hrs.		1/2"	PERIOD		3 bbl		1000 N				
FLOW. TUBING	CASING PRESS	URE		ED 24 - HR	OIL - BBL	1 3 001		1980 M - MCF		20 b ER - BBL		DIL GRAVITY - API
PRESS			RATE						"""	-11 - 000		CORR)
300# 700#				3	bbls	19	80 MCFP	D	20 bbls			
34. DISPOSITION O	F GAS (Sold, used f	or fuel, ve	nted, etc.)						TES	WITNES:		
V									- 1) ktrideta		SMAN.
35. LIST OF ATTAC	HMENTS								TACKA	**************************************	CALC HELL	- A1 1H
Summary												
36. I hereby certify th	at the foregoing and	affached	ormation i	is complete an	d correct as	determined fro	m all a	available record	at s	JAN -1 (g suuu	
1	John (<u> </u>	Y									
SIGNED	RIV		mer		TITLE	DEB SITT	NER	As Agent for	COEARM	No balance	<u> 1-18-0</u>	FFICE
									BY	<u> </u>	_ <u> </u>	<u> </u>

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																	lQp	depth interval tested, cushion used, bine tool open, flowing and shut-in pressure, and recoveries).
																	воттом	wing and shut-in pressurs, and
																San Juan 28-7 Unit #225E	DESCRIPTION, CONTENTS, ETC.	. 1 €
		Dakota	Graneros	Greenhorn	Gallup	Mancos	Point Lookout	Menefee	Cliffhouse	Chacra	Lewis	Picture Cliffs	Fruitland Fm	Kirtland	Ojo Alamo		NAME	38.
		7058'	7010'	6953'	6205'	5440'	5030'	4583'	4433'	3388'	2942'	2797'	2548'	2092'	1938'	MEAS, DEPTH	_	GEOLOGIC MARKERS
																TRUE VERT. DEPTH	ТОР	٠

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B-C mag

4016-508

CONOCO INC. San Juan 28-7 Unit #225E

API# 30-039-26173

1350' FSL & 2330' FEL, UNIT LETTER "J" Sec. 34, T28N-R7W

12/6/99 MIRU. Spot all equipment. NUBOP.

12/7/99 RIH with 3 7/8" rock bit, 6 3 1/8" drill collars and 2 3/8" tubing. Tagged cement @ 4278', drilled cement and DV tool @ 4292'. Continue to RIH and tagged cement 6607' with KB added in. Started drilling and plugged up the bit. Tried to reverse circulate, still would not circulate. POOH with all tubing and collars.

12/8/99 RIH with 3 7/8" rock bit, drill collars and 2 3/8" tubing. Tagged DV tool @ 6625' with KB added in. Rig up power swivel and broke circulation. Drilled up DV tool. Continued to RIH and tagged cement @ 7320' with KB added in. Drilled to float collar @ 7324'. Circulated clean. Tested casing to 4000 psi for 15 minutes. OK. Circulated well with filtered water (25 micron) POOH with all tubing and tools.

12/9/99 Rig up Blue Jet. Run CBL/GR/CCL log from 7316' to 3685' had good cement bond all the way. Cement records indicate they circulated cement out the surface pipe, so we have cement to surface. Ran CBL with 1000 psi on casing. RIH with 3 1/8" HSC select fire guns to perf. Perf @ 7059-61-63-65-67-83-85-87-89-91- 7183-85-87-89- 91-93-95-97-7220-21-22-23-40-41-55-56-57-67-69-71. TOTAL HOLES 30. Perf with 11 gram charge .32" hole size. 1 SPF. Rig down Blue Jet. RIH with Schlumberger 4 1/2" RBP & Packer, with 2 3/8" tubing. Let packer and plug hang @ 7034'. Rig up Blowie line.

12/10/99 Continue to RIH set RBP @ 7297' pull up to 7265' and spot 250 gals of 15% HCL Acid with packer not set. Pulled up to 7212' and set packer. Pumped into perfs, breakdown @ 2400 psi. Pumped 1 bbl of fluid into perfs. Released Packer and RBP. Set RBP @ 7212' and packer @ 7139'. Pumped into perfs, breakdown @ 2000 psi. Pumped 1 bbl of fluid into perfs. Released Packer and RBP. Set RBP @ 7139' and Packer @ 7012'. Pumped into perfs, breakdown @ 2400 psi. Pumped 1 bbl of fluid. Released Packer and RBP. POOH with tools and tubing.

12/11/99 Check well, no pressure. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. RIH to 5300' and rig up BJ nitrogen. Unload well @ 5300'. Continue to RIH to 7324' with KB added in. Rig up BJ and unloaded well with Nitrogen. Well making some gas out the Blowie Line. Wait 2 hrs and unload well with Nitrogen again. Unload very little water. Rig down BJ Nitrogen. Shut well in.

<u>12/13/99</u> Check well. Csg - 1200 psi. Tbg - 1200 psi. Open well and blow down. Rig up BJ. nitrogen with tubing @ 7324' unload well with N2. Rig down BJ, and POOH with 2 3/8" tubing. RIH with Schlumberger tools, RBP & Packer. Rig up Schlumberger wireline, and ran GR strip log to correlate with. Prepare to run test on Dakota.

<u>12/14/99</u> Check wellhead pressures. Csg - 1300 psi. Tbg - 1375 psi. Blow well down. Set packer above Cabero zone. Tried to test zone, had communication to perfs above packer. Unset packer, set packer above Paquate zone. Set and tested both zones of DK. Pull wireline out. Blow well down. RIH and released RBP. Set RBP @ 7100' and Packer @ 7040'. Tested (Two Wells) DK zone. Pulled wireline up into lubricator.

CONOCO INC. San Juan 28-7 Unit #225E

API# 30-039-26173 350' FSL & 2330' FEL. UNIT LETTER ".

1350' FSL & 2330' FEL, UNIT LETTER "J" Sec. 34, T28N-R7W

12/15/99 Check well, 1300 psi on tbg. Performed Stress test on (TWO WELLS) zone. Released tools and moved to bottom, performed stress test on (Paquate & Cubero) zoned together. Rigged down Schlumberger wireline. NOTE: Tested all zones using Test Meter Run. All these rates before any frac. Do not use these rates for final test rates for C-104. Cubero = 30 MCFPD Paquate = 80 MCFPD Two Wells = 95 MCFPD.

12/16/99 Checked well pressures. Csg - 1700 psi. This is the (TWO WELLS) zone. Tbg - 1800 psi. This is the (PAQUATE & CUBERO) zones combined. Blow down the casing and tubing. Tested the Csg (TWO WELLS) zone thru the meter run with meter, it tested @ 226 MCFPD. Tested the Tbg (PAQUATE & CUBERO) thru the meter run, tested @ 185 MCFPD. Again both these test before FRACS. Do not use these test rates for C - 104. POOH with 2 3/8" tbg with Schlumberger RBP & Packer. Install Frac Valve & Frac Y. Heat frac tanks. (NOTE: BJ WILL PAY FOR RIG COST TODAY).

12/17/99 Rig up BJ to acidize and frac. Bullhead 1000 gals of 15% HCL Acid ahead of frac. Pumped acid @ 10 BPM @ 1600 psi. Increased rate and performed Step Rate test on pad of frac. Performed step rate test @ 10 - 20 - 30 - and 40 BPM. Fraced well with 85,240# of 20/40 Brady sand and 2000# of 100 mesh sand. Total fluid pumped 1903 BBLS of slickwater. Max sand conc 1.5#/gal. Avg rate 48 BPM @ 3300 psi avg pressure. Max pressure 3661 psi. ISIP - 2384 psi. 15 Min. - 1430 psi. Frac was tagged with a single Isotope RA material. Rig down BJ. Started flowing well back. Rigged up Drill gas compressors. Well still flowing. Starting to bring back some gas.

12/20/99 Check well pressures. Csg - 1520 psi. No tubing in the hole. Blow well down. Kill well. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Tagged fill @ 7192' with KB. Pulled up to 6782' and started 2 drill gas compressors. Unloaded well. Well started flowing up the tubing. Installed 1/2" choke nipple. Flowed and drywatched well thru the night, to allow well to clean up.

<u>12/21/99</u> Drywatched thru the night, well still flowing up the tubing, flowing thru 1/2" choke nipple. Tbg - 400 psi, and Csg - 800 psi. RIH and tagged fill @ 7220'. KB. Started 2 drill gas compressors and cleaned sand to PBTD @ 7324' KB. Pump soap sweeps to clean well up. Pull up to 7110' let well unload on it's own. Turn gas compressors off and let well flow on it's own. Let well flow for 4 hrs and run back in to tag for fill, tagged 6' of fill. Started 2 drill gas compressors and cleaned sand to PBTD @ 7324'. Pulled 2 3/8" tubing back up to 7066'. Flowed well thru 1/2" choke nipple, will drywatch and test thru the night.

12/22/99 Check well still flowing up the tubing thru 1/2" choke nipple. Well tested as follows. 2 3/8" tubing @ 7066' flowing thru 1/2" choke nipple. TBG - 300 psi. Csg - 700 psi. MCFPD = 1980. Water - 20 bbls. Oil - 3 bbls. Test witnessed by Victor Barrios with Key Well Service. RIH to tag for fill. Tagged @ 7316' for 8' of fill. Started 2 drill gas compressors and cleaned sand to PBTD @ 7324'. Pulled up and landed 2 3/8" tubing @ 7110' with 225 jts with KB added in. SN and Mule Shoe Collar on bottom. ND Blowie Lines etc. NDBOP & NUWH. Rig Down. FINAL REPORT. (NOTE: THIS IS A DAKOTA COMPLETION ONLY. WILL COMPLETE THE MV AND DHC AT A LATER DATE.)