Enhants 2 Coming To Augmentate District	Ö4-4Æ:	NT <b>N</b> /-	i-a-a	,	Form C-103
Submit 3 Copies To Appropriate District Office	State of Energy, Minerals				Revised March 25, 1999
District I 1625 N. French Dr., Hobbs, NM 87240	Ellergy, Willionals	alla Ivaca	Tar resources	WELL API NO.	
District II 811 South First, Artesia, NM 87210	OIL CONSERV	MOITA	DIVISION	30-045-29781 5. Indicate Type of	of Lease
District III	2040 So	uth Pach	reco	STATE D	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe	e, NM 87	7505	6. State Oil & G	
2040 South Pacheco, Santa Fe, NM 87505					
SUNDRY NOT (DO NOT USE THIS FORM FOR PROPC	ICES AND REPORTS OF	N WELLS	JG BACK TO A	7. Lease Name or	Unit Agreement Name:
DIFFERENT RESERVOIR, USE "APPLI	CATION FOR PERMIT" (FOR	M C-101) FC	OR SUCH	State	
PROPOSALS.)  1. Type of Well:					
	Other			<u>.                                      </u>	
2. Name of Operator				8. Well No. 4E	
Conoco Inc.				9. Pool name or	Wildcat
<ol> <li>Address of Operator</li> <li>P.O. Box 2197 DU 3066 Houst</li> </ol>	on, TX 77252-2197			72319 MV / 7159	
4. Well Location					
	790 0	nott	h line and 8	390 feet fre	om the
Unit Letter D	79C feet from the	IIOL C	ii ime andc	16ct IV	om the
					O ( CANTELLNI
Section 32	Township .		ange 8W	NMPM	County SAN JUAN
	10. Elevation (Show) GR <b>59.24</b>	vhether Di	R, RKB, RI, GR, etc.	.)	
11 Check	Appropriate Box to In	dicate N	ature of Notice, R	Report or Other	Data
NOTICE OF IN	ATENTION TO:	arouto 11.	SUBS	SÉQUENT RE	PORTOF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WORK		ALTERING CASING $\Box$
	_	<del></del>	COMMENCE DRIL	LING OPNS	PLUG AND
TEMPORARILY ABANDON	CHANGE PLANS	_		_	ABANDONMENT
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN		
	COMPLETION				
OTHER: muddin; 11		<b>X</b>	OTHER:		
12. Describe proposed or comple	ted operations. (Clearly s	tate all per	rtinent details, and gr	ive pertinent dates,	of proposed completion
of starting any proposed work	). SEE RULE 1103. For	Multiple o	completions. Attach	i wellooic diagram	of broboned dow-brossess
or recompilation.					
CONOCO is requesting to change	the above referenced to $\pi$	nud drill ar	nd change the casing	and cement progra	am as per attached:
					7
				10 30 31 3 T	1232
				A80 .	<b>♦</b> *3 <b>\</b>
				MAD MAD	2000
					2000
					AN DIV
					T. 3
				<b>1</b>	
					01 5 J
				ر وال	y Glass
I hereby certify that the information	on above is true and comp	lete to the	best of my knowled	ge and belief.	
SIGNATURE Zoland	a lee	_TITLE_	Regulatory Analy	st	DATE 03/01/00
Type or print name Yolanda Pe	rez /			Telephone l	No. (281) 293-1613
(This space for State use)	-0	54	PHTY OH # CAC II	NCBECTAR AVET 4	<b>M</b>
AND OVED BY	THI	TITLE	PATY OIL & GAS II	Marculok, DISI.	DAMAR - 1 200
APPPROVED BY <u>Nauly</u> Conditions of approval, if any:	- fflike	<sup>(111-11</sup>			

C-115 - Operator's Monthly Report (Continuation Page)

- 11												_				_		_
			A001 A-10-25N-3W 30-039-23494	001 C-10-25N-3₩ 30-039-23577	023764 PHILLIPS, FRED G			A003 H-15-25N-3₩ 30-039-23751	003 E-15-25N-3W 30-039-23225	023760 PHILLIPS, FRED C			Property NO.and Name Well No. & U-L-S-T-R API No.	COOL NO. AND NAME	7		2 Operator: APACHE CORP	מונון אינון
$\parallel$	 		- TI	TI			-	n	σ				⊸m⊽0(	, (	ρ		OR.	:
													Volume	•	o LNC		CORPORATION	
	 												Pressure		TNUECTION			
-	 												NWDOC	, ;				
			43	34			59	j 	66				oil/conden- sate produced	12			3 OG	
	 <b></b>		7	Co .			55	! !	15				Barrels of water produced	ī	PRODUCTION		OGRID: 00	
	 		1624	1237		<u> </u>	1570		1136	<del></del>			MCF Gas Produced	14	NOI		000873	
			30	29			30		30				Days Prod- uced	15				
$\Gamma$	×ε	ភព១០				മരമ	00				តិតិតិតិតិ	<del>,  </del>	MW DO	16	$\parallel$		4	$\frac{1}{1}$
	1957450	1956010 1957410 1956030 1957430				1956430 1956630	1956410 1956610				2807350 2807354 2807339 2807332	2807336	Point of Disposition	17			Month/Year	
		1245 1234				1287 1280					1306 1336 1381 1342	1370	Gas BTU or Oit API Gravity	30	DISPOSITION		11/99	
		173 				<u>-</u>	76						Oil on hand at beginning of month	19	N OF OIL,		6 Page 60	
	15 9	1620 1232			_	1132 1565				<del></del>	1817 1017 682 736 1487		Volume (Bbls/mcf)	20	GAS,		of 91	
	<u> </u>	007057 007057				007057 007057	···-				007057 007057 007057 007057 007057 007057		Transporter OGRID	21	AND WATER			
	 			<del></del> -			<del></del>				0	1	OO O m	22	æ			
		132 206		<del></del>		180	142					101	Oil on hand at end of	23				

# PRIMARY CEMENTING PROPOSAL

# **SURFACE & 3 STAGE LONGSTRING**

# Conoco

## State 4E

# Well Location

Field : Cutter Dam

County: San Juan State: Nm

Country: USA

Prepared for : Ricky Joyce Service Point : FARMINGTON. NM

 Brett Thompson
 Business Phone
 : 505-325-5096

 : 2/12/00
 FAX No.
 : 505-327-0317

Date Prepared

Prepared by : Duane Gonzalez : (281) 293-4538

FAX : (281) 293-4424

E-Mail address :

dgonzalez@houston.dowell.slb.com

< Surface

Depth Casing Size BHCT Open Hole Diameter BHST Tail Excess Total Excess 9 5/8 in., 36 lbs./ft. 12 1/4 in. 90 °F 80.0 °F 100 %

Mud Wt./Type: 8.4 ppg Fresh Wtr. Based

Calculations:

Volume Factors:
Casing x Open Hole
Casing (Internal)

0.3132 cu.ft./ft

0.4338 cu.ft./ft

**Top of Cement** 

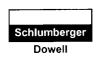
Surface

Cement System:

Open Hole Fill Casing Shoe Cement

 $(500 \times 0.3132 \times 2.) / 1.19 = 262 \text{ sks}.$ 

 $(40 \times 0.4338) / 1.19 = 15 \text{ sks.}$ Total Tail Cement = 277 sks.



#### **Cementing Systems**

Spacer System: 20 bbls.

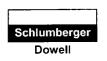
Fresh Water

Cement System: 275 sks.

Class B + 2% S1 + 0.25 pps D29

Mix Weight:15.6PPGYield:1.19cu.ft./sk.Mix Water:5.19gal./sk.

Fluid Loss : 800 cc/30 minutes
Thickening Time : 0.125 hours:minutes
Comp. Strength : 1,000 psi in 12 hrs.



Conoco State 4E

San Juan County, Nm

Page 5

#### Well Data: 4 1/2 in. Production - Stage 1

< Surface	Depth	7,331 ft.

Casing Size 4 1/2 in., 10.5 lbs./ft.

Open Hole Diameter 8 3/4 in. Previous Csg. Depth 500 ft.

Previous Csg. Size 9 5/8 in., 36 lbs./ft.

 BHST
 175 °F

 BHCT
 128.5 °F

 Total Excess
 35 %

 Tail Excess
 35 %

 Stage Collar Depth
 6,322 ft.

< Previous Csg. 500 ft.

#### Mud Wt./Type: 9 ppg Fresh Wtr. Based

#### Calculations:

#### **Volume Factors:**

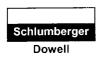
Casing x Open Hole 0.3071 cu.ft./ft
Casing x Previous Casing 0.3234 cu.ft./ft
Casing (Internal) 0.0896 cu.ft./ft

Top of Cement 6,322 ft.

#### **Cement System:**

Cipen Hole Fill  $(1,009 \times 0.3071 \times 1.35) / 1.59 = 262$  sks. Casing Shoe Cement  $(80 \times 0.0896) / 1.59 = 4$  sks. Total Tail Cement = 267 sks.

< Top of Cmt./DV Tool 6,322 ft.



#### **Cementing Systems**

Spacer System: 20 bbls.

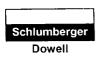
**CW-100 Chemical Wash** 

Cement System: 265 sks.

50:50 Poz:Class B + 2% D20 + 0.2% D167 + 0.2% D46 + 0.25 pps D29

Mix Weight : 12.4 PPG
Yield : 1.59 cu.ft./sk.
Mix Water : 8.27 gal./sk.

Fluid Loss : 372 cc/30 minutes
Thickening Time : 4:30 hours:minutes
Comp. Strength : 1,200 psi in 48 hrs.



Conoco State 4E

San Juan County, Nm

Page 7

#### Well Data: 4 1/2 in. Production - Stage 2

< Surface	Depth	7,331 ft.
Surface	Debin	7,001 IL.

Casing Size 4 1/2 in., 10.5 lbs./ft.

Open Hole Diameter 8 3/4 in. Previous Csg. Depth 500 ft.

Previous Csg. Size 9 5/8 in., 36 lbs./ft.

 BHST
 175 °F

 BHCT
 121.6 °F

 Total Excess
 35 %

 Tail Excess
 35 %

 Stage Collar Depth
 6,322 ft.

< Previous Csg. 500 ft.

#### Mud Wt./Type: 9 ppg Fresh Wtr. Based

#### Calculations:

#### **Volume Factors:**

< Top of Cmt. 3,915 ft. Casing x Open Hole 0.3071 cu.ft./ft
Casing x Previous Casing 0.3234 cu.ft./ft
Casing (Internal) 0.0896 cu.ft./ft

Top of Cement

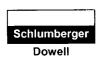
#### **Cement System:**

Open Hole Fill  $(2,407 \times 0.3071 \times 1.35) / 1.61 = 621$  sks. Casing Shoe Cement  $(40 \times 0.0896) / 1.61 = 2$  sks.

Total Tail Cement = 624 sks.

3,915 ft.

< Stage Collar (DV) 6,322 ft.



### **Cementing Systems**

Spacer System: 20 bbls.

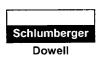
**CW-100 Chemical Wash** 

Cement System: 625 sks.

50:50 Poz:Class B + 2.75% D20 + 0.2% D167 + 0.2% D46 + 0.25 pps D29

Mix Weight: 12.4 PPG
Yield: 1.61 cu.ft./sk.
Mix Water: 8.33 gal./sk.

Fluid Loss : 372 cc/30 minutes
Thickening Time : 4:30 hours:minutes
Comp. Strength : 1,200 psi in 48 hrs.



Conoco State 4E

San Juan County, Nm

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#### Well Data: 4 1/2 in. Production - Stage 3

< Surface	Depth	7,331	ft.

Casing Size 4 1/2 in., 10.5 lbs./ft.

Open Hole Diameter 8 3/4 in. Previous Csg. Depth 500 ft.

Previous Csg. Size 9 5/8 in., 36 lbs./ft.

BHST 128 °F
BHCT 100.2 °F
Total Excess (calculated O.H.) 35.0 %
Stage Collar Depth 3,915 ft.

#### Mud Wt./Type: 9 ppg Fresh Wtr. Based

#### **Calculations:**

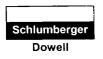
#### Volume Factors:

Casing x Open Hole 0.3071 cu.ft./ft
Casing x Previous Casing 0.3234 cu.ft./ft
Casing (Internal) 0.0896 cu.ft./ft

Top of Cement Surface

#### **Cement System:**

Open Hole Fill  $(3,415 \times 0.3071 \times 1.35) / 2.86 = 495 \text{ sks.}$ Previous Casing Fill  $(500 \times 0.3234) / 2.86 = 57 \text{ sks.}$ Casing Shoe Cement  $(40 \times .0896) / 2.861 = 1 \text{ sks.}$ Total Lead Cement = 553 sks.



#### **Cementing Systems**

Spacer System: 20 bbls.

**CW-100 Chemical Wash** 

Cement System: 555 sks.

Class B + 3% D79 + 0.1% D46 + 0.25 pps D29

Mix Weight : 11.4 PPG
Yield : 2.86 cu.ft./sk.
Mix Water : 17.64 gal./sk.

Fluid Loss : N/C cc/30 minutes
Thickening Time : 5:00 hours:minutes
Comp. Strength : 300 psi in 72 hrs.

350 4:30 500

## At Conoco our work is never so urgent or important that we cannot take time to do it safely. SAN JUAN DRILLING PROGRAM

	Well: State 4	Area	a: Cutter Dam AFE	# 8469	AFE	<b>\$:</b> 346,712	
	County: San	Juan Stat	e: New Mexico Rig:	RKB	( <b>B-GL:</b> 13'		
ဝူ	API# 30-045-	29781 <b>Permit #</b>	Fres	surface casing			
N.	<b>MD:</b> 7131'	<b>TVD</b> : 713	1' KOP	P: N/A	G.L. Elev:	5926'	
冒	Co-ordinates:	WELL Latitude: 36° 41.3' I	Longitude: 107° 42.4'	ERA	Latitude: 36°41.1'	Longitude: 107°42.1'	
>	Location:	790' FNL & 890' FWL					
		Sec. 32, T29N, R8W					
	Directional:	N/A					

### THESE WELLS ARE TO BE DRILLED WITH SAFETY AND PROTECTION OF THE ENVIRONMENT AS THE PRIMARY OBJECTIVES!

## IT IS THE DRILLING REPRESETATIVES RESPONSIBILITY TO READ AND FOLLOW ALL STIPULATIONS FOR EACH PERMIT AND ENSURE COMPLIANCE

#### **REGULATORY NOTIFICATIONS**

Notify the U.S. Bureau of Land Management:

- 1. Anytime a major deviation from the well plan (plug back, sidetrack, etc...) is going to occur. Leave a message with the intended plan if no one answers. If in doubt notify! Better to notify unnecessarily than not to and get a fine.
- 2. Immediately upon spudding
- Complete the Notice of Spud Sundry and FAX to Trigon Engineering Inc. at (970) 385-9107, attention Debra Sittner. Call her at (970) 385-9100, ext. 25 or Verla Johnson @ ext. 20 to confirm that the fax was received. This is in addition to the phone calls to the BLM.
- 4. 24 hours prior to any BOP or casing pressure test.
- 5. 24 hours prior to any cementing operation

PHONE NUMBERS

DISCUSSION

BLM – Farmington: (505) 599-8907 BLM – Albuquerque: (505) 761-8700

New Mexico Oil Conservation Department: (505) 334-6178

NOTE – Permits come from either the Farmington OR Albuquerque depending upon the area. Refer to the permit for the correct number to call.

Review Emergency Response Plan before rigging up and be prepared to execute the plan if needed!

The objective of this well is to develop the Mesa Verde (MV) and Dakota (DKTA) geologic horizons.

İ	Days From Spud to												
IME		Surf Csg Pt	Drlg Out	Int. Csg Pt	Drig Out TD		Log	Prod Csg Set	Rig Rel.				
-	Days	0.5	1.0	N/A	N/A	_11	12	12.5	13				

	Zone	Depth	MW	Zone	Hole	Csg	FIT/	Remarks
		(TVD)		EMW	Size	Size	LOT	
Sur	face Casing	320+	8.6 - 9.0		12 1/4"	9-5/8"	None	Severe lost circulation is possible. 320' is the minimum surface casing depth below ground level per NMOCD.
OJA	AM	1407	8.6 - 8.8		8 3/4"	4 ½"	N/A	Possible water flows.
KRL	LD	1551				:		
FRL	LD	1970						Possible gas
PC	CF	2413		i				Possible lost circulation & differential sticking
LEV	ws	2568						
2 CH	RA	3385					!	
≧ c∟	.FH/MV	4065						Possible gas
CHIENTON CHI	ENF/MV	4172	8.6 - 9.0					
Ž PT	LK/MV	4643						Probable lost circulation. Pretreat system with 4-6% LCM.
MN	ics	5071	,					Possible Sloughing shale
GLI	LP	5916		ļ				Possible lost circulation
GR	HN	6661			_	i		
GF	RRS/DKTA	6722						Possible gas
	VO WELLS/	6760		:			!	Possible gas
PA	AGU/DKTA	6894						Possible gas
	TAL DEPTH	7131	8.8 - 9.0			4		Possible gas
PE	RMIT TO	7331						

Page 1 02/29/00

Date: 02/10/99

Conoco.Inc

#### At Conoco our work is never so urgent or important that we cannot take time to do it safely. SAN JUAN DRILLING PROGRAM

	Intermediate Logs:	N/A
တ	TD Logs:	Formation Compensated Density or Lithodensity with Gamma-ray & Caliper
90		Compensated Neutron Density
-		Induction Resistivity with Gamma-ray & SP
	Additional Information:	NOTE: Logging was not in AFE Estimate. Carry as "Additional" time!

	Wellhead:	9 5/8" 8RD x 11" 3M - Casing Head 11" 3M x 7 1/16" 5M – Tubing Spool
5	Other:	Tree: Adapter –7 1/16" 5M x 2 1/16" 5M with Master Valve & Wing Valve
MEN	BOP's:	Rotating Head - Flow line or Blooie line - Pipe Rams - Blind Rams - C/K Lines
QUIPI	Remarks:	High and low pressure BOP tests shall be conducted every 14 days and anytime flange seals are broken for repair or service. Functional and visual tests will be conducted daily and so noted on the daily drilling report.
Ũ		Test BOP's and choke manifold to a low pressure of 250psi and then to a high pressure of 3000psi (rated working pressure).
		Proper test plug seating should be checked and the 2" casing head valve must be open and unobstructed.
		Caliper all wear bushings inside and out prior to running.

	From	То	Mud Type	Wt	Vis	YP	Gels	FL	% Solids	рН
	0	320	Fresh water	8.6 - 9.0	30	As needed	As Needed	~	2 - 5	~
	320	***	Fresh water	8.4 - 8.8	28 - 32	~	As needed	None	2 - 5	~
	***	6800	Gel/Polymer	8.8 - 9.0	42 - 46	10 - 12	As needed	8 - 10	3 - 5	9.0 - 10.0
6800		7131	Gel/Polymer	8.8 - 9.0	60	10 - 12	As needed	8 - 10	3 - 5	9.0 - 10.0

#### Remarks:

#### **12 1/4"** (0' to +320')

Spud with fresh water and circulate high viscosity sweeps formulated with GEL & LIME (Spud Mud) to remove the dense accumulation of cuttings from the hole.

Sweeps of POLYPLUS should be used if needed to enhance hole cleaning. A sweep should be pumped prior to reaching TD. Pump another sweep, and cirulate about half an hour prior to pulling out to run casing...

During the drilling of the surface hole, run all of the equipment in a solids removal mode.

#### 8 3/4" (+320' to TD)

Drill out of surface with fresh water. Hole should build mud, but may require sweeps of Kwik Thik (beneficiated bentonite) to prevent excessive water losses

While drilling add 1 quart (vis cup) of PolyPlus down DP on connections as required. Do not over treat. Adding PolyPlus when not dictated by hole conditions will only add to the cost without improving performance. Can also cause mud WT to increase quickly after light mud up. Kwik Thik will build viscosity at a lower cost than Poly Plus. Poly Plus adds some inhibition as we get deeper.

\*\*\* Drill with fresh water until seepage occurs. Slight mud up of Polyplus System to control seepage. Full mud up once excessive seepage occurs or excessive drag is seen on connections. At ~1300' pay close attention to the hole conditions (this is where we have fully mud up in the past).

Run all solids control & maintain mud weight as low as possible. If mud weight exceeds 9.0 ppg, dump and dilute.

Lost circulation is expected in the PTLK formation (~4643'). Pretreat system with 4-6 % LCM at the top of the PTLK formation. Have a pill with 25% LCM in the pre-mix tank in case losses are encountered. If losses are encountered, pull above the loss zone, spot the pill, and allow it to soak. If no losses are encountered through the Point Lookout, LCM in the system may be allowed to slowly drop back to 1-2%.

Increase funnel viscosity to 60 sec/qt after tripping for tri-cone bit to finish drilling the DKTA.

Spot a LCM pill across the Point Lookout when pulling out to log and run casing

#### Miscellaneous

Run all solids control equipment while drilling. Very important to keep solids control equipment running at optimum performance to minimize solids and mud weight. Run the finest screens possible on both shakers.

Keep a good supply of fibrous lost circulation materials (Cedar Fiber, Multiseal, or Sawdust) on location to fight lost circulation It is possible that treatments of DD (drilling detergent) may be needed to provide lubricity and minimize bit balling. Check with Drilling Engineer prior to use

MUD PROGRAM

02/29/00

#### At Conoco our work is never so urgent or important that we cannot take time to do it safely. SAN JUAN DRILLING PROGRAM

	(in) 9-5/8"	(ft)	(ft)			1		Size Depth Feet Wt ID Drift Max Burst Coll. Ten. M/U Torque (ft-lb										
				(ppf)	Grade	Conn	(in)	(in)	OD (in)	(psi)	(psi)	(psi)	Min	Opt	Max			
	3 3/0	320+	320+	36.0	J-55	STC	8.921	8.765	9.721	3520	2020	394000	2710	3610	4510			
П.	4-1/2"	7131	7131	10.5	J-55	STC	4.052	3.927	5.000	4790	4010	132000	990	1320	1650			
	9-5			ndry filed	changing of	casing de	pth from	500' to 3	20'. <b>320' B</b>	ELOW GR	OUND LE	VEL is the	minimum	required	by			
	4-1	1/2"	Before POOH to run casing, sweep the hole with a 50 – 100 bbl high viscosity Gel/Lime slurry and circulate the hole clean, about a half hour.  Casing Hardware:  Texas Pattern (saw tcoth) guide shoe Fiberglass Baffle Plate Stop ring – 10' off bot:om Centralizers: One over stop ring and then one every other joint to surface.  Space out casing to install screw on 9 5/8" head near ground level. Install screw on head as soon as cement is set up.  Testing: Test casing to 2464psi: (70% of internal yield pressure). If pressure declines more than 10% in 30 minutes corrective actions must be taken.  Circulate hole clean before running casing.  Marker joint (10' pup):															
CASING PROGRAM			±200' above the TWO WELLS/DKTA formation.  Casing hardware:  Float shoe  Float collar (Two shoe joints)  Stop ring − 10' off bottom & middle of second joint  DV tools (2) − One ~150' above the CLFH and the other ~400' above the GRRS. Based upon lost circulation and hole conditions; the exact depths will be determined in discussion between the Drilling Representative, Engineer and Geologist.  Cement basket − 2 (* jnt below each DV tool)  Centralizers:  TD :o FC: 2 /joint  FC to DV: 1 every other joint  DV to bottom MV: 1 every fourth joint  MV to DV: 1 every other joint  DV to Surface: 1 every fourth joint  (Use only Weatherford or Davis-Lynch Non-Welded centralizers)															
			after the	ria is mo	ved off.							the tubing						
	Casing	Makeup			o broberry r	nave uh i		, ma oasi	.g. 1110 1011	g pi 0				1	•			
			Position is critical to properly make up the API 8 rnd casing. The following procedure should be followed to ensure proper casing make up.  Make up the first ten joints of casing (excluding thread locked joints) so that the coupling is even with the last scratch of the pir thread. Use the average make up torque for the rest of the string, checking the position of the coupling. More than two full threads showing at maximum torque, or more than two rounds buried at minimum torque indicates a problem with the joint-lay it out. Torque should be adjusted within the range from minimum to maximum so that threads are made up to the proper position. All casing should be made up using Best-O-Life 2000 which contains Teflon. The published casing torque values shown above must be multiplied by 0.89. Failure to apply this torque factor could result in improper torque or the pipe. Use of API Modified or any dope other than Best-O-Life 2000 could result in mismatched torque values and cause potential field problems.  DC NOT make up the casing using published torque values without considering these factors!											o tull joint-lay per orque orque on les and				
Note that the torque values in the table above are directly from the casing torque tables, and DO NOT have the 0.80 factor applied.  Notes  BEST-O-LIFE 2000 thread compound is to be used on all casing. DO NOT SUBSTITUTE!!!!! If the supply store can not provide it, find another supply store.																		
												ply sto	re.					
									ithout a des				.1	ا- سما				
			the DV to	ols is cleat, t, make s	arly i nders	tood. If the	here is a	nv auesti	on, aet him	out - havir	g the tool	e sure the pend is che ion of the to	ap insura	ance. It n	ie is			

02/29/00 Page 4 Conoco.Inc Date: 02/10/99