Form 3160-5 (November 1994)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No 1004-0135 Expires July 31, 1996 Lease Serial No.

SUNDR	CONT 106						
Do not use the abandoned w	6. Handian, Allottee or Tribe Name						
1 2		b) for such proposi	OF COMPAN	JICARILLA			
SUBMIT IN TR	IPLICATE - Other instr	uctions on reverse	side	7 Unit or CA/Agreement, Name and/or No.			
1. Type of Well			Common S.	JICARILLA B			
Oil Well 🗓 Gas Well	☐ Other			8. Well Name and No.			
2. Name of Operator	JICARILLA B 2A						
CONOCO, INC.	9. API Well No.						
3a. Address		3b. Phone No. (include	de area code )	30-039-25845			
P.O. BOX 2197 HOUSTO	<del></del>	(281)293-1005		10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Se I, SEC.25, T27N, R4W	c., T., R., M., or Survey Descript	tion)		BLANCO MESAVERDE / BASIN DAKO			
1540' FSL & 1185' FEL				11. County or Parish, State RIO ARRIBA			
₹6Ŋ							
-2017			·	NM			
12. CHECK AF	PPROPRIATE BOX(ES) T	TO INDICATE NATU	RE OF NOTICE, R	EPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION						
☐ Notice of Intent	☐ Acidize	☐ Deepen	Production (Star	t/ Resume)			
14onee of ment	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity			
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	Other			
☐ Final Abandonment Notice	Change Plans	☐ Plug and Abandon	☐ Temporarily Aba				
I III AI ADAII GOIII II CIII I NOLICE							

☐ Water Disposal

☐ Plug Back

Second Request

Conoco Inc. requests to revise our casing and cementing program from our last request. The potential for commercial gas production from the Tapacito Pictured Cliffs pool, as a replacement completion for the Jicarilla B 4

Convert to Injection

(GTS). Setting 7" production casing in the B2A would allow Pictured Cliffs production to be dually completed with downhole commingled Mesaverde/ Dakota production, utilizing two large tubing strings. Pending favorable log analysis, appropriate paperwork will be filed to: complete the B 2A Pictured Cliffs, dually produce with DHC"D MV/DK and permanently abandon the Jicarilla B 4.

Name (Printed/Typed)	Title				
DEBORAH MARBERRY	REGULATORY ANALYST				
Signature	Date				
1 de marche Marcheller	06/14/2000				
THIS SPACE FOR F	FEDERAL OR STATE OFFICE USE				
Approved by	Title E- Date 7/10/00				
Conditions of approval, if any, are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operations thereon.	s not warrant or Office				

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)



# PROPOSED WELL PLAN OUTLINE

WELL NAME Jicarilla B 2 A

EST GL =

7185

EST. KB =

7198

70 T	FORMATION	R-4W, RIO ARRIBA CO.	TYPE OF		CASING	EDAC	EODMATION	MID	<del></del>
- 1		3 I	I		CASING		FORMATION	MUD	
	TOPS &	1	I	HOLE	0.75		PRESSURE	1	
00 M	DITYPE	PROBLEMS	EVALUATION	SIZE	SIZE DEPTH	psi/ft	PSI	WT TYPE	DAYS
0				11" or	8-5/8" 24# or 9 5/8" 36#			8.4 - 8.8#	}
$\sqsubseteq$					J-55 or K-55, ST&C @ 350	<u> </u>	NORMAL	SPUD MUD	1 1
-				8 3/4"	CIRC CMT			8.4 - 8.8#	
-		1							
$\vdash$	_	!				l		GEL/POLYMER	1
$\vdash$	=							MAINTAIN MW AS	
						İ		LOW AS POSSIBLE	1
1						İ			
$\vdash$									1
$\vdash$	⊣						Ì		i
		1			Applement				
	_								1
						1			
2		Table 1						1	
'⊢	-						1		1
$\vdash$	-1					i			1
$\perp$		1					1		
-									
	$\exists$	1				ļ		CONTROL FLUID LOSS	I
3								PRIOR TO OJAM	1
	OJAM @ 3259'	POSSIBLE WATERFLOW					432 PSI		
-	FRLD @ 3464*	POSSIBLE GAS FLOW					360 PSI		-
$\vdash$	<b>—</b>	POSSIBLE LOST RETURNS						1	ł
<u> </u>	PCCF @ 3765	POSSIBLE DIFFERENTIAL				1			
	I EN/S @ 3017	STICKING			1	İ			1
	LEWS @ 3917					1			ļ
*							1		1
									1
$\vdash$		}			DV TOOL SET @ 4300'			1	
<u> </u>					(CONTINGENT ON LOST CIRCULATION)				1
-	-	1			CMT TO SURFACE		400 PSI	j	l
5		1							1
		1		ŀ		1		1	
-	CLFH/MV @ 5447	1		l		0.5	457 PSI	i	İ
	MENF @ 5570'								l
						1			
	PTLK @ 5946'	POSSIBLE SEVERE LOST							-
$\perp$	- FIEN @ 3540			1	1	1			1
6		RETURNS		1					1
$\vdash$		ļ			DV TOOL SET @ 6350	İ	į		-
	MNCS @ 6418'				(50'-100' ABOVÉ MNCS)				l
L				1	CMT TO DV TOOL @ 4300		1		
-				1	OR TO SURFACE			1	
-	-				•				
7	U. GLLP @ 7046		1		1				
F	M. GLLP @ 7285'						1		
-	CNST @ 7500		1	•	7* 26# 1-55 or granter	1	1		
-	SNST .@ 7598'			İ	7" 26# J-55 or greater STC @ 0-500"	1			
1	GRHN @ 7908*	POSSIBLE WATERFLOW		1	7" 23# J-55 or greater	1		1	1
	GRRS DKOT @ 7970	POSSIBLE OVERPRESSURE	i	1 _	STC @500' to 6100'	0.5	715 PSI		
8	DACIL & STORY	IN DEED DAYOTS	CASED HOLE LOGS	7-7/8"		1	BHP - 2500 PSI	8.4 - 8 8# GEL/POLYMER	
-	PAGU @ 8168'	IN DEEP DAKOTA	<del> </del>	or 8 3/4	STC @6100' to 8168'	ics	BHT = 175 deg F	GEOFOCIMEN	
-	NOTE.			1	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Ī		l l	
	PERMIT TO 8531"				1		i		

3:38 PM

DATE 06/08/00 PREPARED:

Ricky Joyce
DRILLING ENGINEER

# Schlumberger

CONOCO, INC. RICKY JOYCE HOUSTON, TEXAS JUNE 12, 2000

## **JICARILLA B #2A**

#### **SURFACE CASING**

OBJECTIVE: BRING CEMENT TO SURFACE.

SPACER: FRESH WATER

**SLURRY DESIGN** 

200 SKS CLASS B + 2% S1 + 0.25 PPS D29

MIX WT.: 15.6 PPG YIELD: 1.19 CU.FT./SK. H2O: 5.19 GAL./SK.

T.T.: 2:30 HOURS:MINUTES C/S: 1000 PSI IN 12 HRS.

## **PRODUCTION CASING**

OBJECTIVE: ISOLATE DAKOTA AND MESA VERDE FORMATIONS BY BRINGING CEMENT TO SURFACE.

STAGE 1

SPACER: 20 BBLS CW-100

**SLURRY DESIGN** 

250 SKS 50:50 (POZ:CLASS B) + 2.75% D20 + 0.2% D167 + 0.1% D46 + 0.25 PPS D29

MIX WT.: 12.4 PPG

YIELD: 1.6 CU.FT./SK. H2O: 8.28 GAL./SK.

F/L: 372 CC/30 MINS

T.T.: 5:00 HOURS:MINUTES C/S: 1200 PSI IN 48 HOURS