UNITED STATES DEPARTMENT OF THE INTERIOR

FORM SELHOVED					
Budget Bureau No. 1004-0135					
Expires:	March 31, 1993				

BUREA	AU OF LAND MANAGEMEN	J			
	TIOTO AND DEDODED OF	u WELLS		5. Lease Designation and Serial No.	16
SUNDRY NO	TICES AND REPORTS OF	A different reservoir	(Jicarilla Contract 14 6. If Indian, Allottee or Tribe Name	10
Do not use this form for pro	posals to drill or to deepen or reentry to CATION FOR PERMIT - " for such prop			ng garage	
Use "APPLII	CATION FOR PERMIT - 101 Such prop	D) E	GEIWE	Jicarilla Apache	
		and the second		7 to that or CA, Agreement Designation	
			FEB 1 7 1999	- Secret	
1. Type of Well		രണ	COM IN	I Wall Name and No	
Oit Gas Other		(0)][[<u>[</u>		Jicarilla Contract 146	#33
2. Name of Operator	_	Attention: Pat Archuleta	Met. 3	9. API Well No.	
AMOCO PRODUCTION COMPA	NY	acytorialota		3003922521	
3. Address and Telephone No. P.O. BOX 800 DENVER, COLOF	RADO 80201	(303) 830	-5217	10. Field and Pool, or Exploratory Area	Ob
	(100 do20)			Blanco Mesaverde/Otero	Chacra
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	a 40 T 25	5N R 5W	UNIT P	11. County or Parish, State	
970' FSL 1120' FEL	Sec. 10 T 25	ON H DVV	OMIT	RIO ARRIBA NE	W MEXICO
	F ROY(+) TO INDICAT	TE NATURE O	F NOTICE, RE	PORT, OR OTHER DATA	
	E BOX(S) TO INDICAT	IL NATORE S	TYPE OF ACTION		
TYPE OF SUBMISSION					
	Aba	andonment		Change of Plans	
Notice of Intent	<u></u>	completion	<u> </u>	New Construction Non-Routine Fracturing	
C a harrow Brand		ngging Back Ising Repair		Water Shut-Off	
Subsequent Report	75	tering Casing	Ļ	Conversion to Injection Dispose Water	
Final Abandonment Notice	Oth	her	(Note: Report	orspose water results of multiple completion on Well Completion or Recompl	etion Report and Log form.
				l, give subsurface locations and measured and true	e vertical depths for all
13. Describe Proposed or Completed Operations (Clearly state all pertin	nent details, and give pertinent dates, including estimat	ited date of starting any proposed	work . If well is directionally drilled	, give subsurface locations and income a subsurface locations and income and	•
markers and zones pertinent to this work.)*					
BP Amoco requets permission	on to plug and abandon this	s well per the atta	ched procedures.		
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				310 FM	المراقعة الم
If you have any questions cor	ntact Jan Ray at (505) 326-	9281.		20	일년
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				72 5	
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14. I hereby certify that the forgloing is true and cerrent		·	0. 11.0		01-25-1999
Lats decke	uleta	Title	Staff Assi	Stant Date	01-25-1999
14. I hereby certify that the forghoing is true and certify: Signed Latt Greek (This space for Federal or State officer use)	uleta	Title		Stditt Date	1 2 1999



Well Name: Jicarilla Contract 146 33

Originial Completion: 10/81

TD = 5,620' Page 2 of 2

 Notify regulatory agencies (BLM, NMOCD, FIMO) 24 hours in advance of plugging activity. Contact BLM and indicate well is allotted (FIMO regulations effective April 1, 1997).

- 2. Check location for anchors. Install if necessary. Test anchors.
- 3. MIRUSU. Blow down well. Kill if necessary with fresh water. NDWH. NUBOP.
- 4. Pickup approximately 1200' of 2 3/8' tubing work string and add to existing 2 3/8' tubing set at 4036'. TIH to 5250', which is above cement retainer installed January, 1996 at 5255' and capped with 10' sand/barite mixture (approved BLM procedure dated 12/1/95). Spot cement plug from 5250' to 5100' (26 sacks). TOH and wait on cement. TIH and tag plug. TOH to 4850', spot cement plug from 4850' to 4750' (17 sacks). TOH, TIH with CIBP and set at 3950' to isolate Chacra perforations. Test casing integrity to 500 psi. Spot cement plug from 3950' to 3850' (17 sacks). TOH to 3166', spot cement plug from 3166' to 2940' (39 sacks). TOH to 2670', spot cement plug from 2670' to 2570' (17 sacks). TOH to 335', spot cement plug from 335' to surface (58 sacks).
- 5. NDBOP. Cut off casing and wellhead. Install PXA marker according to BLM or State requirements.
- 6. Contact FMC and ship surface equipment to yard or other location per instructions.
- 7. Turn over to Red Immell or Buddy Shaw for reclamation.
- 8. Rehabilitate location according to BLM or State requirements.

Jicarilla Contract 146 33

P10 T25N-R5W, 970' FSL, 1120' FEL API 3003922521 Federal

Proposed PXA Wellbore Schematic

Nacimento: unknown

Ojo Alamo: 2,620'

Kirtland Shale: 2,812'

Fruitland: 2,990'

Picture Cliffs: 3,116'

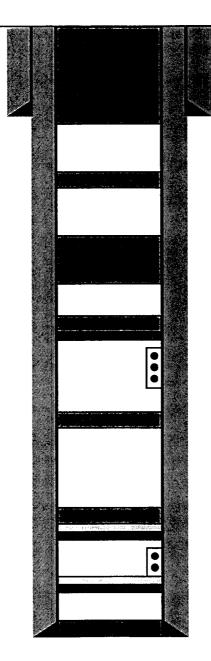
Chacra: 4,010'

Cliff House: 4,800' Menefee: 4,864'

PBTD 5,250'

Point Lookout: 5,319'

TD 5,620'



Spot cement plug 335' to surface (58 sacks)

8 5/8" 24# K-55 Surface Casing Set at 285'

Top of cement - surface

Spot cement plug 2,670' to 2,570' (17 sacks)

Spot cement plug 3,166' to 2,940' (39 sacks)

Spot cement plug 3,950' to 3,850' (17 sacks) Set CIBP at 3,950'

CK perforations: 4,008' to 4,036'

DV Tool set at 4,193'

Spot cement plug 4,850' to 4,750' (17 sacks)

Spot cement plug 5,250' to 5,100' (26 sacks)

Cement retainer at 5,255'
Capped with 10' sand/barite mixture (12/1/95 approved procedure)

MV perforations: 5,336' to 5,378'

CIBP at 5,409'

Capped with 4' sand/barite mixture (8/22/95 approved procedure)

5 1/2" 14# K-55 Casing Set at 5,605' Top of cement - surface (985 sacks)

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Amoco Production Co. Well Name Jic 146 #33

- Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made :

A cement plug needs to be placed from 1282' to 1382' to cover the estimated top of the Nacimiento (1332').