Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

"Cae Instructions and Some

(See other instructions on reverse side) FOR APPROVED OMB NO. 1004-0137 Expires: December 31,1991

,	RURFA	U OF LAND	MANA	GEME	NT BEC	EIVE		me side)			AND SERIAL NO	•		
	BOTTER		1017 (107 (1		- FI M M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. D Milital			M-03380	-			
WELL CO	MPLETION C	OR RECOM	MPLETI	ON R	EPORT A	ND	LOG	*	6. IF INDIA	N, ALLOTTEE	OR TRIBE NAM	E		
In. TYPE OF WELL:	OIL (GAS X	DRY		95,SEP 22	. Alf	0:5		7. UNIT AG	REEMENT NA	ME			
b. TYPE OF COMPI	LETION:													
MET Q	VORK DEEP- [BACK E	BACK DIFF. DOPPE TAGENTALION, NAME OF							R LEASE NAM	E, WELL NO.			
	2. NAME OF OPERATOR Attention:									nce D 1	LS #14A			
Amoco Production Company Patty Haefele									9. API WELL NO.					
 ADDRESS AND TEL P.O. Box 800, Denv 	•	01			(303)	830-	-4988		30-045-29246					
4. LOCATION OF WEI			ance with an	y State re-	quirements)*	030				AND POOL, 0 1				
At surface 1705' FSL 970' FEL UNIT I									Blanco Mesaverde					
At top prod. interve	al reported below								Section 21					
At total depth								Ì	Township 27N Renge 8W					
			14. PERM	IIT NO.	D	ATE ISS	UED	'	12. COUNTY OR 13. STATE					
									San J		New	Mexico		
	16. DATE T.D. REACI	i i		eady to p	rod.) 18. I		•	F, RKB, RT	GR, ETC	C.)* 19. El	EV. CASING	HEAD		
6/1/95	6/17/95	1	13/95		PLE COMPL		072'		nor. n	7.7001.7	O.D.F.			
20. TOTAL DEPTH, MD 4685 *	462	кск т.D.,мD & 7 '	1VD 22. II	ANM WO	ITE COMPL.,	2	3. INTE DRIL	TED BY	KOIAK YE	Y TOOLS S	CABLE T			
4005 4. PRODUCING INTERV	1	•	BOTTOM,	NAME (I	MD AND TVD)*	<u>-</u> l		1			. WAS DIREC SURVEY MA			
											SURVEY MA	DE		
	e 4434-4606	,									No			
26. TYPE ELECTRIC AN	D OTHER LOGS RUN									27. WA	S WELL COR	ED		
CBL, GR,	CL	<u> </u>	SING DEC	ORD Ø	eport all string						No			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SI			LE SIZE			MENT,CEM	IENTING	RECORD	AMOUNT	PULLED		
8.625" J-55	24#					.25" 100 sx Class				to su	f			
5.5" CF-50	14#					.875"			B, cmt to surface					
2.875" N-80	6.5#	46	4685' 4.			75" 130 sx Class			TOC	1450'				
29.	1	NER RECORD	l			1 2	10.	*****	TUDIN	C PECOND	<u> </u>			
SIZE		TOM (MD)	·SACKS CE	MENT*	SCREEN (MI		SIZE		DEFIN S	G RECORD ET (MD)	PACKER S	ET (MD)		
		· · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		1.25		4540					
								URE, CEMENT SQUEEZE, ETC.						
						^M	IOUNT A	VID KIND OF	MATERIAL	SED				
See attachment SEP 2 9 1995							 							
	•		, 00 —			•								
		COM	MIM											
33.*		io Pilalio i S	<u> </u>	PRO	DUCTION				· · · · · · · · · · · · · · · · · · ·					
DATE FIRST PRODUCTI 8/19/95	l l	ю нмыновр wing	lowing, gas	lift, pump	ing - size and typ	e of puny	(P)		"	shut-in)	S (Producing o ITING ON P			
	HOURS TESTED	CHOKE SIZE	PROD'N TEST PI	FOR	OIL - BBL	(GAS - M	CF.	WATER		GAS-OIL RAT			
9/10/95	24	32/64	TEST PI	RIOD	0	1	110	00	3					
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BH	1.	GAS - M	ICF.		WATER - I	BBL.	OILG	SHIRE	(corr.)		
	155		0		1100)			3 CF	<u> </u>				
34. DISPOSITION OF GA		vented, etc.)						TEST WIT	ALIENTO TO	Υ	26 1995			
To be sol	Ld									SEP.	20 13	SECTION SECTION		
Perf and f 36. I hereby certify th	frac page										N DISTRICT	Uri 102		
36. I hereby certify th	nat the foregoing and	attached inform	ation is con	iplete an	d correct as de	termined	d from a	all availabl	e record	ARMINGI	11.7 - 11			
Par	H. Man	$Q_0 Q_0$		MOCD	Staff	Accia	stant		Va	سنتسيك	9/20/05			
SIGNEDL_(L)	my rue	men.	TI	TLE _	orari l	12212	cant		ים	DATE	7120133			

Additional Data on Reverse (** to)

DESCRIPTION. CONTENTS, FIC. NAME NAME				FORMATION	
DESCRIPTION, CONTENTS, FTC. NAME Pruitland Pictured Cliffs 2210' Cliff House Menetee Menetee 3858' Point Lookout 4460'				TOP	ej comiton dace, m
NAME NAME NAME Pruitland Pictured Cliffs 2210' Cliff House 3790' Menefee Point Lookout 4460'				BOTTOM	ing tool obeth Howing a
TOP MEAS. DEPTH 2000' 2210' 3790' 3858' 4460'				DESCRIPTION, CONTENTS, ETC.	and recoveres):
TOP EAS. DEPTH 2000' 2210' 3790' 3858' 4460'		 Pictured Cliffs Cliff House Menefee Point Lookout	F1	NAME	38. GEOI
		2210' 3790' 3858' 4460'	MEAS. DETH	1	GEOLOGIC MARKERS
TRUE CRIT. DEPTH	1 <u>1</u> 24 ⁶ 224 1		TRUE VERT. DEFTH		

Begin work 8/9/95. Run CBL, GR, CL from 1120-4632 ft. TOC 1450 ft. Pressure test casing 8200 psi, held. Limited entry perforations: 4604, 4596, 4575, 4555, 4543, 4535, 4527, 4510, 4496, 4490, 4484, 4479, 4469, 4456, 4438 with 1 JSPF, .280" diameter, 15 total shots, 2" gun size, 120 deg phasing, 7 gms. Acidize 4438-4604 ft with 2 bbls hydrochloric acid, max pressure 4000 psi, max rate 7.1 bpm. Balled off well with good ball action.

Frac 4438-4604 ft with 135,428 lbs 16/30 sand; 935,774 scf; 30 gel strength; 67%, 68% & 70% quality. Max pressure 8800 psi, max rate 35.0 bpm. Well screened out on the 3.5# stage with max pressure of 8800#, approx. 1911# of 3.5# sand in formation. Open well to tank with 3660 psi and blew down to 0 psi. Tag sand at 2873 ft. Cleanout well 2873-4634 ft with N2 and start flowing well. Flowback nitrogen from frac. Tag at 4514 ft - 113 ft of fill in well. Cleanout sand 4514-4627 ft with nitrogen and coil tubing to bottom.

Perforate: 4602-4606, 4592-4600, 4572-4580, 4553-4556, 4533-4544, 4521-4530, 4506-4518, 4464-4496, 4453-4458, 4434-4441 with 2 JSPF, diameter .280", 181 total shots fired, phasing 180 deg, 7.5 gms. Flow well. Landed 1.25" tubing at 4540 ft. End work 9/13/95.