FORM APPROVED

Form 3160-4	Т		OF THE INTERIO	/ -	DUPLICATE	OMB NO. 1004-01	
(July 1992)			ND MANAGEMEN	.TT /	See other instructions on	Expires: Februar	y 28, 1995
				, ,,	everse side)		TION AND LEASE NO. SF-078767
						6. IF INDIAN, ALLOT	TEE OR
	WELL COMPLI	ETION OR REC	COMPLETION R	EPORT AND L	OG*		
1- TV	PE OF WELL: FOIL WELL	X GAS WELL	DRY OTHER	1 600,	N. A. S.	7. UNIT AGREEMEN	IT NAME
		& OAS WELL	DR1 OTHER		Dr. 50 m		
	E OF COMPLETION: NEW WELL WORKO	VER DEEPEN PLU	JG BACK DIFF.RESVR.	OTHER	OEC 200		
	ME OF OPERATOR			for the	ी भी छो	8.FARM OR LEASE I	NAME WELL NO
2. 1174	AL OF OF BRATOR	WILLIAMS PRO	DUCTION COMPANY	, 80		l	A UNIT #226A
3. ADI	DRESS AND TELEPHONE NO			15-		9. API WELL NO.	7. 01111 #2207
AD	ALOG AND TEELS NO. 12 AN		S 25-1 TULSA, OK 741	01 (018) 573 6354			9-27817
4. LO	CATION OF WELL (R		and in accordance with a		ts)*		POOL, OR WILDCAT
At At	Surface: 1380' FNL & 8 top production interval rotal depth:	90' FWL			Leading the state of the state	1	RUITLAND COAL
						11. SEC., T.,R.,M., OI	
						SURVEY OR AR SW/4	EA NW/4 SEC 12-31N-6W
				14. PERMIT NO.	DATE ISSUED	12. COUNTY OR	13. STATE
						RIO ARRIBA	NEW MEXICO
15. DATE SPUDDED 08/26/2004	16. DATE T.D. REACHED 09/05/2004	i	06/2004	18. ELEVATIONS (DK	а, ккв, кт,gr,eтс.)* 40' GR	19. ELEVATION CAS	SINGHEAD
20. TOTAL DEPT	H, MD & TVD	21. PLUG, BACK T.D.,	MD & TVD	22. IF MULTCOMP.,	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
3	288' MD	ė		HOW MANY	DRILLED BY	x	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*					25. WAS DIRECTION	AL SURVEY MADE	
BASIN FRUITLAND COAL 3026' – 3197'  26. TYPE ELECTRIC AND OTHER LOGS RUN				YES	<del></del>		
NONE	RIC AND OTHER LOGS RUN				:	27. WAS WELL COR NO	ЕО
	RT (Report all strings set in we		L promi ora a m	Lugrania			
	G SIZE/GRADE. 5/8", J-55	WEIGHT, LB./FT 36#	DEPTH SET (MD) 317'	HOLE SIZE 12-1/4"	TOP OF CEMENT, CEM 416 SX - SU		AMOUNT PULLED
7", N-80		23#			<del></del>	· · · · · · · · · · · · · · · · · · ·	
		23#	3014'	8-3/4"	500 SX – St	JRFACE	
29 LINER RECOR	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 ½", 17#,N-8		3284'	0 SX	JONES (MD)	2-7/8", J-55, 6.5#	3228'	FACRER SET (ND)
31. PERFORATIO	N RECORD (Interval, size, and	number)			TURE, CEMENT SQUEEZE,		
Rasin Fruitlan	Basin Fruitland Coal: 3026'-34' (32 holes), 3098'-3116' (72 holes) & 3167'- (MD)				DUNT AND KIND OF MATERIAL USED		
State 1 throates and the form of the first throates and t			WELL WAS NOT A	WELL WAS NOT ACIDIZED OR FRACED			
33.PRODUCTION					<u> </u>		
DATE OF E	IRST PRODUCTION	PRODI	ICTION METHOD (Flowing a	as lift nummina-size and tw	on of numm)	WELL STAT	TIS (PRODUCING OR SI)
DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pum			as are pumping-size and typ	type of pump)  WELL STATUS (PRODUCING OR SI)  SI, well on vacuum, no flow			
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS – MCF	WATER - BBL.	GAS-OIL RATIO
FLOW TBG PRES	S CASING PRESSURE	CALCULATE	D 24-HOUR RATE	OIL – BBL.	GAS – MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION	OF GAS (Sold, used for fuel, w	ented, etc.):		L	<u> L</u>	TEST WITNESSED B	<u> </u>  Y:
35 LIST OF ATT			ONES WELLBORE DIAG	:			<del></del>

TITLE Sr. Production Analyst DATE November 26, 2004.

NOTE: Never got Blm Approved Copy.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME		10º	
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
OJO ALAMO	2408'	2534'	,			der Burken to d'a	
KIRTLAND	2534'	2938'		-			
FRUITLAND	2938	3191'					
PICTURED CLIFFS	3191,						
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Location: 1380' FNL and 890' FWL SW/4 NW/4 Sec 12(E), T31N, R6W Rio Arriba, New Mexico

Elevation: 6340' GR API # 30-039-27817

Тор	Depth
Ojo Alamo	2408'
Kirtland	2534'
Fruitland	2938'
Pictured Cliffs	3191'

0.49", 4 SPF, 224 holes total

Open hole from 6-1/4" to 9-1/2" from 3020' to 3190'

Completed 10/06/04

1st Delivery 10/21/04

7 jts 9-5/8", 36#, J-55, ST&C @ 317'

63 jts 7", 23#, n-80, ST&C csg @ 3014'

Liner top @ 2975'

103 jts 2-7/8", 6.5#, J-55 tbg @ 3228' as follows: ½" mule shoe on bottom, 1 jt tbg, 2.28" SN @ 3196', 102 jts tbg.

8 jts 5-1/2", 17#, N-80, LT&C @ 2975' - 3284'

TD @ 3288'

3026' - 3034'

3098' - 3116'

3167' - 3197'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	416 sx	587 cu. ft.	Surface
8-3/4"	7", 20#	500 sx	1006 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		