						_					
FORMATION	•						/ *** *** P.U.D. 10	4 TO 10 4	FORM APPROVED		
FORM 3160-4						SUBM	IT IN DUPLIC		FORM APPROVED OMB NO. 1004-013	.7	
(July 1992)		UNITE	D STA	TES		PE()-	V/ 1 1	ions on	Expires: February 28		
	DED	ARTMENT	OF TI	1E IVI	TEDIOD			e side)	5. LEASE DESIGNATION		NO.
		REAU OF L					14 11. 1	,	SF077382		
					/11	13 140 1 - 1	15.3 34	V	6. IF INDIAN, ALLOTTER	OR TRIBE	NAME
WELL	COMPLE	TION OR	RECO	MPL	ETION R	EPORT A	ND LOG	} *			
la. TYPE OF WO	RK	OIL	G	AS	1	70 Farmini	aten. NN	4	7. UNIT AGREEMENT N.	AME	
		WELL.	w	ELL X	DRY.	Farmini Other					
1b. TYPE OF WE	LL								8. FARM OR LEASE NAM	4E MELL NO	
NEW	work.	DEEPEN	PI	.UG] DIFF	_			•	•).
WELL X		BACK. RESVR			Other		Angel Peak 9 #18s				
2. NAME OF OPERA						- 4 T P	0.100		9. API WELL NO.		
Kukui Opera	ating Compa	ny				7610	J 10 // 3		<u>30-045-</u> 31713		
3. ADDRESS AND TELEPHONE NO. P.O. Box 737, Ignacio. CO 81137 970/563-0145								7	10. FIELD AND POOL OR WILDCAT		
			070/563-0			10 A(0)	700-		Basin Fruitland		LIBVEY
4. LOCATION OF WI	ELL (Report locations	clearly and in accorda	nce with any 5	tate require	ments.*)	V LED 1	CUB	5	OR AREA	JOCK AND 3	UKVET
1950 FSL and	d 1525' FEL i	(NWSE)						<u></u>	Section 9, T271	v. R10V	/
At top prod. Interval re		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			/c		1 to 25		,	,	
same	eparted below				/			7			
At total depth			IA DE	RMIT NO.		DATE ISSUI	ED S	7	12. COUNTY OR PARISH	13. STA	ATE
same			N/A			WAC	-0 1 ()	San Juan	NM	112	
15. DATE SPUDDED	16. DATE T.D. RI	EACHED	7. DATE COM		y to prod.)		S (ĎF, ŘKB, RT, C	GR, ETC.			CASINGHEA
9/2/2003	9/11/2003		10/22/20		, , ,	6301' 0	GR	,			
20. TOTAL DEPTH,	MD & TVD	21. PLUG, BACK T	.D., MD & TV	D	22. IF MULTIPL		23. INTERVALS		TARY TOOLS	CABLE	FOOLS
00051	00051	00001	000		HOW MAN	Y*	DRILLED BY	′	- H		
2305′ мр	2305′ тур		228				>		all	05 17/40 57	DECEMONIA
24. PRODUCING IN	TERVAL(S), OF THE	S COMPLETIONTO	DP, BOTTOM,	NAME (M	D AND TVD)*					SURVEY	IRECTIONAL Y MADE
Fruitland Co	al 1916'-21	62'								no	
26. TYPE ELECTRIC											ELL CORED
		Log, Tempei	rature Lo	og					n	no	
	and the second section of the second				SINC DECOR	D (Depose all strip	oo oot in wall)			-	-
23.	IZE/GRADE	WEIGHT, LB./	FT.	DEPTH SE		D (Report all strin HOLE SIZE		EMENT,	CEMENTING RECORD	AMOU!	NT PULLED
7". J55 23#			132'		8 3/4"	50 sx, cemented to su					
4 1/2". J55			.5#	23	05	6 1/4"	360 sx, cement to surface				
		1									
		 								1	
20		LINED	RECORD				30.		TUBING RECORD		
29.	TOP (BOTTOM (MI) S	CKS CEMENT*	SCREEN (MD)	SIZE		DEPTH SET (MD)	PACKE	R SET (MD)
							1 1/2"	21	54"		
						1				1	
31. PERFORATION	RECORD (Interval	, size and number)	in a partir transcript	منت باد محمور		32.	ACID, SHOT	r, FRA	CTURE, CEMENT SQU	EEZE, ETO	7.
INTERVALS				SIZE NU		DEPTH INT	INTERVAL (MD)		AMOUNT AND KIND OF	MATERIAL	USED
1916'-2045,	•		.34		102						
2080'-2162', 3 spf			.34	.34 60			_				

33.*
DATE FIRST PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) WELL STATUS (Producing or shut-in) T.B.D. SI WOPL flowing DATE OF TEST HOURS TESTED WATER--BBL. GAS-OIL RATIO CHOKE SIZE PROD'N. FOR OIL--BBLS. GAS--MCF. TEST PERIOD N/A FLOW. TUBING PRESS. CALCULATED CASING PRESSURE OIL-BBL. GAS--MCF. 24-HOUR RATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) venting 35. LIST OF ATTACHMENTS Well Bore diagram

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

MY V.P. Engineering & Development

DATE 11/1/2003

FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC. NAME Ojo Alamo Kirtland Fruitland Coal Pictured Cliffs	TRUE VERT. DEP' 1255' 1335' 1916' 2163'
Ojo Alamo Kirtland Fruitland Coal	1335' 1916'
Kirtland Fruitland Coal	1916'
Fruitland Coal	
	2163'
	}

Red Willow Production L.L.C.

Well Name:

Angel Peak 9 #18S

API #:

30-045-31713

Date:

10/31/2003

Status:

current

TD:

2305

PBTD:

2283'

Surface Location:

Sect 9 T27N R10W 1950' FSL 1525' FEL

County, State: San Juan, New Mexico GL: 6301' KB: 6306' **Surface Casing** 3 joints 132' Depth: Top: surface Csg: 7" 23# J-55 LTC 132' Cement: 50 sx CI "B" 3% CaCl₂ circulated to surface **Production Casing** 54 joints Depth: 2341' surface Top: Csg: 4-1/2" **Tubing** 10.5# J-55 STC 2182 Depth: Cement: 260 sx CI "B" Top: surface 1 1/2" 2% econolite Diameter: 100 sx CI "B" circulated to surface Perforations: 1916'-2045' 3 spf a total of 102 - .34 inch holes 2080'-2162' 3 spf a total of 60 - .34 inch holes TD - 2305'

Stimulation

Two stage frac

1st stage: 7500 gal of 20# Delta fluid in a 70% nitrogen foam w/ 5000# 40/70 sand and 25000# 20/40 2nd stage: 10000 gal of 20# Delta fluid in a 70% nitrogen foam w/ 6000# 40/70 sand and 33000# 20/40

PBTD - 2283'