

(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

SF 080181

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL ☐  
WET ☐

GAS ☒  
WET ☐

DRY ☐

Other

1b. TYPE OF WELL

NEW ☒  
WELL ☐

WORK ☐  
OVER ☐

DEEPEN ☐

PLUG ☐  
BACK ☐

DIFF ☐  
RESVR ☐

Other

2. NAME OF OPERATOR

Kukui Operating Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 737, Ignacio, CO 81137 970/563-0145

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

660' FNL and 1420' FWL (NENW)

At top prod. Interval reported below

same

At total depth

same

14. PERMIT NO.

N/A

DATE ISSUED

N/A

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

10/7/2003

16. DATE T.D. REACHED

10/10/2003

17. DATE COMPL. (Ready to prod.)

10/20/2003

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6078' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2100'

MD

2100'

TVD

2067'

MD

2067'

TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

all

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Fruitland Coal 1825'-1948'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron Log, Temperature Log

25. WAS DIRECTIONAL SURVEY MADE

no

27. WAS WELL CORED

no

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7", J55	23#	132'	8 3/4"	50 sx, cemented to surface	
4 1/2", J55	10.5#	2090'	6 1/4"	325 sx, cemented to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	1950"	

31. PERFORATION RECORD (Interval, size and number)

INTERVALS	SIZE	NUMBER
1825'-1888', 3 spf	.36	117
1916'-1948', 3 spf	.36	87

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
T.B.D.		flowing					SI WOPL	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.		GAS-OIL RATIO
		N/A	→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	
		→					ACCEPTED FOR REC	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

venting

TEST WITNESSED BY

ACCEPTED FOR RECORD

N/A

35. LIST OF ATTACHMENTS

Well Bore diagram

DEC 11 2003

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

FARMINGTON FIELD OFFICE

DATE 12/25/2003

SIGNED

TITLE V.P. Engineering & Development

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

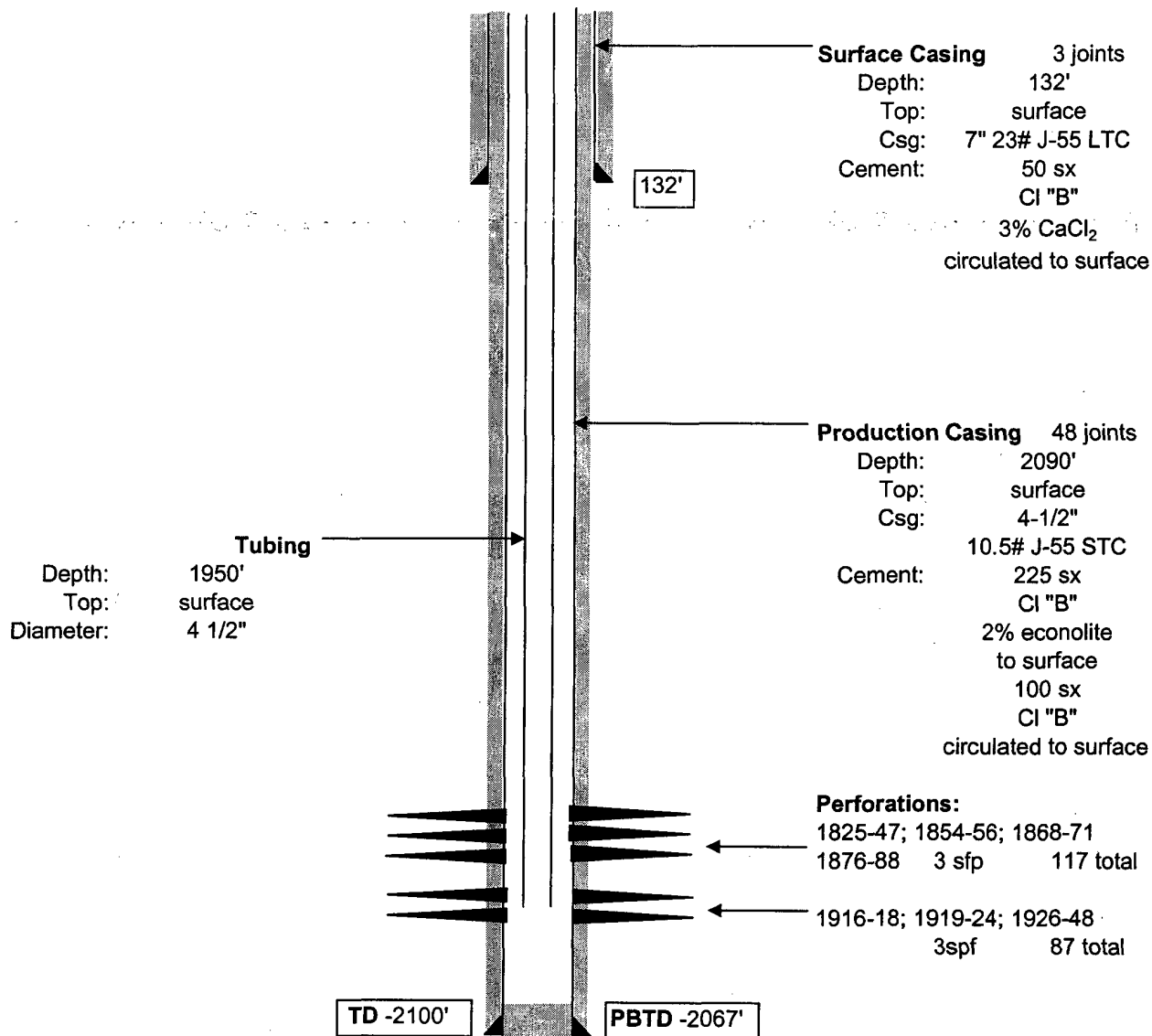
NMOCD

### 38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	TRUE VERT. DEPTH
Fruitland Coal	1825'	1948'	Coal	Ojo Alamo Kirtland Fruitland Coal Pictured Cliffs		1255' 1335' 1825' 1948'

# Red Willow Production L.L.C.

**Well Name:** Angel Peak 13 #11S      **API #:** 30-045-31644      **Date:** 12/5/2003  
**Status:** current      **TD:** 2100'      **PBTD:** 2067'  
**Surface Location:** Sect 13 T27N R10W 660' FNL 1420' FWL  
**County, State:** San Juan, New Mexico      **GL:** 6078'      **KB:** 6092'



## Stimulation

Two stage frac

1st stage: 356 bbls of 20# Delta fluid in a 70% nitrogen foam w/ 5000# 40/70 sand and 58000# 20/40

2nd stage: 447 bbls of 20# Delta fluid in a 70% nitrogen foam w/ 5000# 40/70 sand and 75600# 20/40

*Need P7*