

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.6.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other Co-mingled

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

W.B. Martin &amp; Associates, Inc.

3. ADDRESS OF OPERATOR

709 North Butler, Farmington, NM 87401

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

At surface

1650'FSL and 990'FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

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BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

Contract #362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#21 Martin-Whittaker

10. FIELD AND POOL, OR WILDCAT

S. Lindrith Gallup-Dakota

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 7/T23N/R4W

12. COUNTY OR PARISH

Rio Arriab

13. STATE

NM

15. DATE SPUNDED 1-8-84 16. DATE T.D. REACHED 1-24-84 17. DATE COMPL. (Ready to prod.) 8-21-84 18. ELEVATIONS (DP, RKB, RT, CB, ETC.)\* 6890' GR 19. ELEV. CASINGHEAD 6890' GR

20. TOTAL DEPTH, MD &amp; TVD 6510' 21. PLUG, BACK T.D., MD &amp; TVD 6509' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 10-6510' ROTARY TOOLS CABLE TOOLS

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

Gallup-Semilla

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, GR, SP, CCL, CBL, BHC SONIC, CNL, CALIPER

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	269.40	12 1/4"	206.50ft <sup>3</sup>	None
7"	23	4780	8 3/4"	757ft <sup>3</sup>	None
4 1/2"	11.6	6509'	6 1/2"	240ft <sup>3</sup>	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4604.88	6509'	240ft <sup>3</sup>		2 3/8"	6365'	

31. PERFORATION RECORD (Interval, size and number)

2942'-2999 .41-58  
5641'-5949 .41-86  
6003'-6197 .41-54  
6290'-6466 .41-60

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2942-2999	Squeeze 98ft <sup>3</sup> Cement
5641-5949	95,000 gal. Oil w/125,000# 20/40
6003-6197	55,350 gal. Oil w/54,700# 20/40
6290-6466	41,000 gal. Oil w/32,000# 20/40

33.\*

PRODUCTION

DATE FIRST PRODUCTION 8-21-84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-21-84	24hrs	3/4"	→	8	58	2	7250/1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
48	48	→	8	58		41	

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

Vented-Waiting on Hookup

35. LIST OF ATTACHMENTS

Hole Deviation Affidavit

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

SIGNED

W.B. Martin

TITLE

Operator

10/23/84

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OCT 24 1984  
OIL CON. DIST. 3  
ACCEPTED FOR RECORD  
OCT 24 1984

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

FARMINGTON RESOURCE AREA

BY

Smm

PRODUCER

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), production and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (BED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2485'	2550'		Pictured Cliff	2485'	Same
Mesa Verde	3975'	4833'		Lewis Shale	2550'	
Gallup	5595'			Huerfano to Bentonite	2804'	
				LaVentana	2938'	
				Cliff House	3975'	
				Menefee	4048'	
				Massive P. Look-out	4621'	
				Mancos	4833'	
				Gallup	5595'	
				Tuculo	6300'	
				Juana Lopez	6385'	
				Semilla	6441'	

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OCT 24 1984  
OIL CON. DIV.  
DIST. 3