

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL LAY Other Co-mingled
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESER. Other Househole

2. NAME OF OPERATOR
W.B. Martin & 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 970'FNL and 1850'FWL
 At top prod. interval reported below
 At total depth

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

Contract #38

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#57 Martin-Whittaker

10. FIELD AND POOL, OR WILDCAT

W.C. Gallup, W.C. Gallup, W.C. Gallup
~~S. Gallup, W.C. Gallup, W.C. Gallup~~

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

NW 1/4 Sec. 5/T23N/R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 9/3/84
 16. DATE T.D. REACHED 9/13/84
 17. DATE COMPL. (Ready to prod.) 10/18/84
 18. ELEVATIONS (DP, REB, RT, GR, ETC.)* 6587' GR
 19. ELEV. CASINGHEAD 6587' GR

20. TOTAL DEPTH, MD & TVD 6573'
 21. PLUG. BACK T.D., MD & TVD 6570'
 22. IF MULTIPLE COMPL., HOW MANY*
 23. INTERVALS DRILLED BY
 ROTARY TOOLS 0-6573'
 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 Gallup-Dakota
 25. WAS DIRECTIONAL SURVEY MADE
 No

26. TYPE ELECTRIC AND OTHER LOGS RUN
 DIL, GR, CCL, CBL, SNP, FDC
 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"	32	285'	12 1/2"	206.50ft ³	None
7"	23	4419'	8 3/4"	529.5ft ³	None
4 1/2"	11.6	6570'	6"	283ft ³	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	4333'	6570'	283ft ³	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5300'	

31. PERFORATION RECORD (Interval, size and number)

5023-5171	.375-40
5376-5586	.375-40
5992-6302	.41-87
6371-6378	.375-24
6482-6510	.375-48

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5023-5171	350 gal. 10% HCl acid 2/40
5376-5586	350 gal. 10% HCl acid
5992-6302	350 gal. 10% HCl acid
6371-6378	350 gal. 10% HCl acid
6482-6510	350 gal. 10% HCl acid

33. PRODUCTION

DATE FIRST PRODUCTION 10/18/84
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
 WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/19/84	24hrs	2"	→	30	250	40	8333/1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
30	600	→	30	250	40	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
 Vented-Waiting on Hookup
 TEST WITNESSED BY
 Mr. Drew Bates

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
 DATE 10/23/84
 OCT 24 1984
 OIL CON. DIV.

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

OPERATOR

FARMINGTON RESOURCE AREA
 RV Sum

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.), formation 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: "Socks 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 OR POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	2066'	2161'	
Mesa Verde	3590'	4413'	
Gallup	5259'	6058'	
Semilla	6058'	6068'	
Dakota	6360'		

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38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1521'	Same
Pictured Cliffs	2066'	
Mesa Verde	3590'	
Mancos	4413'	
Gallup	5259'	
Semilla	6058'	
Greenhorn	6266'	
Dakota	6360'	