

**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 ☐ 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 & 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 870' FNL and 850' FWL

At top prod. interval reported below

At total depth

NOV 26 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

DATE ISSUED

9/07/84

5. LEASE DESIGNATION AND SERIAL NO.

Contract #392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#54 Martin-Whittaker

10. FIELD AND POOL, OR WILDCAT

S. 1/4 Sec. 34/T23N/R4W

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

NW 1/4 Sec. 34/T23N/R4W

12. COUNTY OR PARISH

Sandoval

13. STATE

NM

15. DATE SPudded

9/30/84

16. DATE T.D. REACHED

10/10/84

17. DATE COMPL. (Ready to prod.)

11/25/84

18. ELEVATIONS (DF, R&B, RT, GR, ETC.)*

7029' GR

19. ELEV. CASINGHEAD

7029'

20. TOTAL DEPTH, MD & TVD

6845'

21. PLUG, BACK T.D., MD & TVD

6843'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-6845'

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

Upper Gallup 5136'-5512'/Lower Gallup 5577'-5796'/Sanilla 6320'-30/Greenhorn 6538-70

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, SP, GR, SNP, FDC

27. WAS WELL CORED

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#	260'	12 1/2"	206.50ft ³	None
7"	23#	4901'	8 3/4"	569ft ³	None
5 1/2"	11.6#	6845'	6 1/4"	261 ft ³	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4327'	6845'	261'		2 3/8"	6845'	N/A

31. PERFORATION RECORD (Interval, size and number)

See Attachment

RECEIVED

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OIL CON. DIV.

DIST. 3

33.*

DATE FIRST PRODUCTION

11/35/84

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

Pumping

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

11/26/84

HOURS TESTED

24 Hr.

CHOKE SIZE

3/4

PROD. N. FOR TEST PERIOD

→

OIL--BBL.

55 BBLS

GAS--MCF.

60 mcf

WATER--BBL.

22 BBLS

GAS-OIL RATIO

916-1

FLOW, TUBING PRESS.

50 #

CASING PRESSURE

75 #

CALCULATED 24-HOUR RATE

→

OIL--BBL.

55 BBLS

GAS--MCF.

60 mcf

WATER--BBL.

22 BBLS

OIL GRAVITY-API (CORR.)

40.5 API.

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

Vented

TEST WITNESSED BY

Tim Wagner

35. LIST OF ATTACHMENTS

N/A

39. I hereby certify that the foregoing and attached information is complete and correct as determined from reliable records

ACCEPTED FOR RECORD

SIGNED

TITLE

Operator

NOV 26 1984

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

FARMINGTON RESOURCE AREA

BY

Sm

OPERATOR

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all wells, whether owned and leased 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 of 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: "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:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DEPTH-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
Pictured Cliff	2395'	2490'	Ojo Alamo	1956'
Mesa Verde	3868'	4722'	Pictured Cliffs	2395'
Gallup	5341'	6321'	Mesa Verde	3868'
Semilla	6321'	6332'	Mancos	4722'
Dakota	6637'	T.D.	Gallup	5341'
			Semilla	6321'
			Greenhorn	6521'
			Dakota	6637'
				Same
				" "
				" "

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DIST. 3



W. B. MARTIN & ASSOCIATES, INC.

709 North Butler, Farmington, New Mexico 87401

Phone: (505) 326-4507

Producing Intervals-Perforation Record

Re: #54 Martin-Whittaker
Unit Letter D Sec. 34/T23N/R4W

Upper Gallup- 5136,37,38,41,42,49,50,5201,02,41,45,55,5310,11,39,43,46,
48,81,82,5436,37,38,44,45,47,48,65,67,69,84,85,5502,03,11,
12, (72 Shots x .41" Diameter
Treated with 1500 gals 10% Acetic Acid

Lower Gallup 5577,78,81,82 (8 Shots x .375 Diameter) 5646,57,48, (12 Shots
x .41"Dia meter) 5706,07,09,10,28,29,32,33,94,95,96 (22 Shots
x .375)
Treated with 100,000# Sand 55,000 gals H₂O).

Semilla 6320-30 (44 Shots x .375 Diameter)

Greenhorn 6538,39,40,41,50,51,54,55,58,59,61,67,68,69,70 (72 Shots x
.375)
Treated with 65,500# Sand and 38,000 gals water

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