

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.

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.

#17 Martir-Whittaker

10. FIELD AND POOL, OR WILDCAT

S. Lindrith Gallup-Dakota Ext.

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

SE $\frac{1}{4}$ Sec. 8/T23N/R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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 1870' FSL and 680' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

OCT - 1

DATE ISSUED

8/26/84

15. DATE SPUDDED

2/9/84

16. DATE T.D. REACHED

3/11/84

17. DATE COMPLETED (Report to prod.)

8/13/84

3-11-84

18. ELEVATIONS (OF, RSB, RT, GR, ETC.)*

700' GR

19. ELEV. CASINGHEAD

7001'

20. TOTAL DEPTH, MD & TVD

6750' KB

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

6738' KB

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

X

ROTARY TOOLS

CABLE TOOLS

N/A

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

Gallup-5769'KB-6024'KB

Tocito-Semilla 6429'KB-6675'KB

N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, Gamma Ray, CL, FDC

27. WAS WELL CORED

N/A

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#	250'	12 1/4"	175sxs Class B	N/A
7"	23#	4950'KB	8 3/4"	495sxs 10-1 Thix.	N/A
4 1/2"	11.6#	6738'KB	6 1/2"	220sxs Class H RFC	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4768'KE	6738'KB	220sxs		2 3/8"	6018'KB	N/A

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Tocito-Semilla 6429'-6675'KB Size .38 96Hole

Gallup-5769'KB-6024'KB 99 holes Size .35

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4674'KB	Sqz 60sxs Class B 2%CaCl ₂
6429-6675'KB	40,000 gal. Oil 32180# 20/40
5769'KB-6024'KB	100,000 gal. Oil 137,500# 20/40

33.*

PRODUCTION

DATE FIRST PRODUCTION 8/13/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9/2/84	HOURS TESTED 24hrs	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 27bbbls	GAS—MCF. 42mcf	WATER—BBL. 1bbl	GAS-OIL RATIO 642-1
FLOW, TUBING PRESS. 50#	CASING PRESSURE 50#	CALCULATED 24-HOUR RATE →	OIL—BBL. 27bbbls	GAS—MCF. 42mcf	WATER—BBL. 1		OIL GRAVITY-API (CORR.) 40.0

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

Vented-Waiting on Contract

TEST WITNESSED BY
ACCEPTED FOR RECORD
Mr. Cary Green

35. LIST OF ATTACHMENTS

Deviation Affidavit

OCT 0 1984

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

FARMINGTON RESOURCE AREA

DATE 9/26/84

BY

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

NOTICE

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: "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 USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	2657'	2734'	
Lewis Shale	2734'	2969'	
Huerfano to Bentonite	2969'	4133'	
Cliff House	4133'	4203'	
Menefee	4203'	4694'	
Point Lookout	4694'	5060'	
L. Point Lookout	5060'	4892'	
		5768'	
Manco Shale	4892'	5768'	
Gallup	5768'	6738'	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2657'	Same
Lewis Shale	2734'	"
Cliff House	4133'	"
Menefee	4203'	"
Point Lookout	5060'	"
Manco Shale	4892'	"
Gallup	5768'	"



W. B. MARTIN & ASSOCIATES, INC.

2110 N. Sullivan, Farmington, New Mexico 87401

Phone: (505) 326-1631, 326-1731

HOLE DEVIATION SURVEY

Operator: W.B. Martin & Associates, Inc.

Well Name: #17 Martin-Whittaker

Well Location: 1870' FSL and 680' FEL
Sec. 8, T23N, R4W
Rio Arriba County, N.M.

<u>Deviation</u>		<u>Depth</u>
3/4°	@	900'
1/2°	@	1790'
3/4°	@	2290'
1°	@	2765'
3/4°	@	3470'
1°	@	3970'
3/4°	@	4938'
1°	@	5106'
1 1/2°	@	5262'
1 1/2°	@	5674'

Subscribed and Sworn to me this 7th Day of June, 1984.

W.B. Martin Jr.
W.B. Martin Jr.
Operator

8-9-87
My Commission Expires

Jeannette Valencia
Notary Public