Form 9-[illegible]
(Rev. 5-

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 [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

RECEIVED JUN 13 1984 OIL CON. DIV. DIST. 3

2. NAME OF OPERATOR: W.B. Martin & Associates, Inc.

3. ADDRESS OF OPERATOR: 2110 N. Sullivan, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 660'FNL and 760'FEL
At top prod. interval reported below
At total depth

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.: #18 Martin-Whittaker

10. FIELD AND POOL, OR WILDCAT: S. Lindrith Gallup/Dakota Ext.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NENE Sec. 7 T23N R4W

14. PERMIT NO.

DATE ISSUED: Aug. 26, 1983

12. COUNTY OR PARISH: Rio Arriba

13. STATE: NM

15. DATE SPUDDED: 12/24/83

16. DATE T.D. REACHED: 01/06/84

17. DATE COMPL. (Ready to prod.): 04/13/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 6894' GR

19. ELEV. CASINGHEAD: 6894' GR

20. TOTAL DEPTH, MD & TVD: 6960'KB

21. PLUG, BACK T.D., MD & TVD: 6909'KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY: →

ROTARY TOOLS: 10-6960'KB

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5422-6496 Gallup, Tocito-Semilla

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction, Compensated Density, Sidewall Neutron Porosity Sonic

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"	40	280KB	12 1/4"	206.5ft^3 Class B 2%CaCl$_3$	None
7"	23#	4820'KB	8 3/4"	842ft^3 Thixotropic & 65/35 poz	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2	4820'	6960'	320ft^3	N/A

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	6549'KB	N/A

31. PERFORATION RECORD (Interval, size and number)

5422-5502 .41 80 Shots
5673-5915 .41 96 Shots
6368-6496 .41 144 Shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5422-5502	1630bbls oil 53,648.00# sand
5673-5915	833bbls oil 31,250.00# sand
6368-6496	Stress Frac

33.* PRODUCTION

DATE FIRST PRODUCTION: 4/13/83

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
4/13/84	24	None	→	42	40	None	952-1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
65psi	85	→	42	40	None	41

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented, Waiting on Connection

TEST WITNESSED BY: Mr. David Green

35. LIST OF ATTACHMENTS: Hole Deviation Affidavit

ACCEPTED FOR RECORD

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

SIGNED [signature] TITLE Operator Representive DATE ~~6/4/83~~ JUN 11 1984

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

FARMINGTON RESOURCE AREA
BY Sum

NMOCC

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	2545	2615	
Menefee	4088	4670	
Massive Point Lookout	4670	4920	
Lower Point Lookout	4920	4850	
Mancos Shale	4850	5669	
Gallup	5669	6435	
Juana Lopez	6435	6489	
Semilla	6489	6697	
Greenhorn	6697	6752	
Graneros Shale	6752	6812	
Dakota "A"	6812	6854	
Dakota "B"	6854	6897	
Dakota "C"	6897	6921	
Dakota "D"	6921	6960	

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliffs	2545	Same
Lewis Shale	2615	" "
Huerfanito Bentonite	2840	" "
Cliff House	4010	" "
Menefee	4088	" "
Massive Point Lookout	4670	" "
Lower Point Lookout	4920	" "
Mancos Shale	4850	" "
Gallup	5669	" "
Juana Lopez	6435	" "
Semilla	6489	" "
Greenhorn	6697	" "
Graneros Shale	6752	" "
Dakota "A"	6812	" "
Dakota "B"	6854	" "
Dakota "C"	6897	" "
Dakota "D"	6921	" "

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