

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐			
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	
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 730' FNL and 1880' FWL 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. #15 Martin-Whittaker							
10. FIELD AND POOL, OR WILDCAT Wildcat							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE/NW Sec. 8 T23N R4W							
12. COUNTY OR PARISH Rio Arriba							
13. STATE NM							
14. PERMIT NO. DATE ISSUED 6/9/83							
15. DATE SPUDDED 11/22/83							
16. DATE T.D. REACHED 12/12/83							
17. DATE COMPL. (Ready to prod.) 02/21/84							
18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6951' GR							
19. ELEV. CASINGHEAD 6951' GR							
20. TOTAL DEPTH, MD & TVD 7027'							
21. PLUG, BACK T.D., MD & TVD 7027'							
22. IF MULTIPLE COMPL., HOW MANY*							
23. INTERVALS DRILLED BY 10-7027'							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5743' to 6910' Gallup							
25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, SFL, CN, and 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"	36#	231'	12 1/2"	236ft ³ Class B 2% CaCl ₂	None		
7"	23#	5197'	8 3/4"	920ft ³ 10-1 Thixtropic	None		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
4 1/2"	5062'	7027'	171ft ³ Black Gold				
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
2 3/8"	6600'						
31. PERFORATION RECORD (Interval, size and number)							
5743-5988	.41	66					
6127-6315	.41	39					
6394-6555	.41	51					
6834-6910	.41	48					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
5743-5988	64,000 gal. oil + 105,000# sand						
6127-6315	70,000 gal. oil + 85,000# sand						
6394-6555	47,000 gal. oil + 21,000# sand						
6834-6910	74,000 gal. water + 47,500# sand						
33. PRODUCTION							
DATE FIRST PRODUCTION 2/21/84	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump	WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 2/29/84	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD 102	OIL—BBL. 102	GAS—MCF. 35	WATER—BBL. 0	GAS-OIL RATIO 340-1
FLOW. TUBING PRESS. 55#	CASING PRESSURE 110#	CALCULATED 24-HOUR RATE 102	OIL—BBL. 102	GAS—MCF. 35	WATER—BBL. None	OIL GRAVITY-API (CORR.) 42.5	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented—waiting on gas connection							
35. LIST OF ATTACHMENTS Deviation Survey Affidavit							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>William B. Martin</u> TITLE <u>Operator</u> DATE <u>6/6/84</u> JUN 11 1984							

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

NMOCC

FARMINGTON RESOURCE AREA
RV Sm

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	2653'	2672'	
Gallup	5744'	6416'	
Greenhorn	6757'	6826'	
Dakota	6830'	7022'	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2653'	Same
Lewis Shale	2672'	" "
Cliff House	4083'	" "
Menefee	4169'	" "
Point Lookout	4740'	" "
Gallup	5744'	" "
Greenhorn	6757'	" "
Graneros	6820'	" "
Dakota	6830'	" "



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: #15 Martin-Whittaker

Well Location: 730' FNL and 1800' FWL
Sec. 8, T23N R4W
Rio Arriba Co., New Mexico

<u>Deviation</u>		<u>Depth</u>
3/4°	@	1160'
1/4°	@	1370'
1/4°	@	2025'
1°	@	2560'
1/2°	@	3125'
1/2°	@	3280'
1 3/4°	@	3890'
2 1/4°	@	4244'
1 3/4°	@	4494'
1 1/4°	@	4872'
1 1/2°	@	5262'
1 1/4°	@	5406'
1 1/2°	@	5608'
1 1/2°	@	5764'
2°	@	5918'
2°	@	6210'
2 1/4°	@	6544'
2°	@	6698'
2 1/4°	@	6984'

RECEIVED

JUN 13 1984

OIL CON. DIV.
DIST. 3

Subscribed and Sworn to me this 6th Day of June, 1984.

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

3-10-88
My Commission Expires

William A. Stutworthy
Notary Public