

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other <u>Co-mingled</u>				5. LEASE DESIGNATION AND SERIAL NO. Contract #390	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR W.B. Martin & Associates, Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 709 North Butler, Farmington, NM 87401				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1650' FSL and 1650' FEL At top prod. interval reported below At total depth				9. WELL NO. #53 Martin-Whittaker	
14. PERMIT NO. 7/12/84				10. FIELD AND POOL, OR WILDCAT S. Lindrith Gallup-Dakota E	
15. DATE SPUDDED 7/16/84				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SE 1/4 Sec. 23/T23N/R4W	
16. DATE T.D. REACHED 7/28/84				12. COUNTY OR PARISH Sandoval	
17. DATE COMPL. (Ready to prod.) 10/12/84				13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7127' GR				19. ELEV. CASINGHEAD 7127' GR	
20. TOTAL DEPTH, MD & TVD 7080'		21. PLUG, BACK T.D., MD & TVD 7052'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-7080				CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup-Dakota				25. WAS DIRECTIONAL SURVEY MADE N/A	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CALIPER, FDC, SNP				27. WAS WELL CORRED N/A	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9 5/8"		32#		247'	
7"		23#		5029'	
4 1/2"		11.6#		7052'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		206.50ft ³		None	
8 3/4"		587.20ft ³		None	
6 1/2"		264ft ³		None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
4 1/2"		4871'		7052'	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
264ft ³				SIZE	
				DEPTH SET (MD)	
				PACKER SET (MD)	
				2 3/8"	
				6930'	
30. TUBING RECORD					
31. PERFORATION RECORD (Interval, size and number)					
Upper Gallup-5437'-5454 .41-52					
Gallup 5763'-5926' .375-112					
Lower Gallup-6006-6127 .375-84					
6590'-6597 .375-32					
Dakota 6888'-6912' .41-60					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5437-5454		1000 gal. 10% Acetic Acid			
5763-5726		100,000 gal. H ₂ O 125,000# sand			
6006-6127		40,000 gal. H ₂ O 42,000# sand			
6590-6912		46,650 gal. H ₂ O 49,325# sand			
33. PRODUCTION					
DATE FIRST PRODUCTION 10/12/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2"x1 1/4"x16' BHDP			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 10/13/84		HOURS TESTED 24hrs		CHOKE SIZE 3/4"	
PROD'N. FOR TEST PERIOD 70		OIL—BBL. 70		GAS—MCF. 70	
WATER—BBL. 70		GAS-OIL RATIO 1000/1			
FLOW. TUBING PRESS. 50		CASING PRESSURE 50		CALCULATED 24-HOUR RATE 70	
OIL—BBL. 70		GAS—MCF. 70		WATER—BBL. 20	
OIL GRAVITY-API (CORR.) 40					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
35. LIST OF ATTACHMENTS Deviation Affidavit					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>W.B. Martin</u>		TITLE <u>Operator</u>		DATE <u>10-22-84</u>	

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

OIL COMPANY
OPERATOR

DIST. 3

FARMINGTON RESOURCE AREA

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliff	2686'	2750'	Sandstone	Ojo Alamo	2248'	Same
Mesa Verde	4152'	4950'	Sandstone & Shale	Pictured Cliffs	2686'	"
Gallup	5677'	6590'	Shale	Mesa Verde	4152'	"
Semilla	6590'	6600'	Sandstone	Mancos	4950'	"
Dakota	6883'	----	Sandstone	Gallup	5677'	"
				Semilla	6590'	"
				Greenhorn	6784'	"
				Dakota	6883'	"

RECEIVED
OCT 24 1984
OIL CON. DIV.
DIST. 3



W. B. MARTIN & ASSOCIATES, INC.

2110 N. Sullivan, Farmington, New Mexico 87401

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

23-23N-4W

HOLE DEVIATION

Well: #53 Martin-Whittaker
Operator: W.B. Martin & Associates, Inc.
Location: 1650'FSL and 1650'FEL
Sandoval County, N.M.

RECEIVED
OCT 25 1984
OIL & GAS

DEVIATION

90' - $\frac{1}{2}$ °
595' - $\frac{1}{4}$ °
1220' - $\frac{1}{2}$ °
1718' - $\frac{1}{2}$ °
2376' - $\frac{3}{4}$ °
2940' - $\frac{3}{4}$ °
3568' - $\frac{1}{2}$ °

4353' - $\frac{3}{4}$ °
4849' - 1°
5220' - $\frac{3}{4}$ °
5607' - $\frac{3}{4}$ °
7080' - $\frac{3}{4}$ °

Subscribed and Sworn to me this 23rd day of October.

W. B. Martin, Jr.
W.B. Martin, Jr.

8/07/88
My Commission Expires

Jeri G. Spinerfeld
Notary Public