

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <u>Co-mingled</u>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	
2. NAME OF OPERATOR W.R. Martin & Associates, Inc.						RECEIVED OCT 09 1984 OIL CON. DIV. RECEIVED OCT - 1 1984 BUREAU OF LAND MANAGEMENT	
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 760' FSL and 790' FWL At top prod. interval reported below At total depth							
14. PERMITTING AGENCY DATE ISSUED 5/21/84							
5. LEASE DESIGNATION AND SERIAL NO.		Contract #362 398				9. WELL NO. #33 Martin-Whittaker	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		Jicarilla Apache					
7. UNIT AGREEMENT NAME						10. FIELD AND POOL, OR WILDCAT S. Lindrith Gallup-Dakota Ext.	
8. FARM OR LEASE NAME							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		SW $\frac{1}{4}$ Sec. 16/T23N/R4W				12. COUNTY OR PARISH Rio Arriba	
18. STATE		NM					
15. DATE SPUDDED 6/5/84	16. DATE T.D. REACHED 6/24/84	17. DATE COMPL. (Ready to prod.) 9/2/84	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7024' GR		19. ELEV. CASINGHEAD 7024'		
20. TOTAL DEPTH, MD & TVD 6970'	21. PLUG BACK T.D., MD & TVD 6960'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-6970	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup-5164'-6486'					25. WAS DIRECTIONAL SURVEY MADE N/A		
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Gamma Ray, BHC					27. WAS WELL CORRED		
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	283'	12 1/4"	224ft ³ Class B 2%CaCl ₂	N/A		
7"	26	5213'	8 3/4"	372ft ³ 50/50+448ft ³ 10-1	N/A		
4 1/2"	11.6	6960'	6 1/8"	320ft ³ 10-1	N/A		
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	5104	6960	320ft ³		2 3/8"	6549'	N/A
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
5164-47 .41 #24 5672-5928 .41 #46 6478-86 .375 #28			DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED	
			5164-47			500 gal. 10% Acetic Acid	
			5672-5928			97,000 gal. Oil 121,000# sand	
			6478-86			42,000 gal. Oil 33,500# sand	
33. PRODUCTION							
DATE FIRST PRODUCTION 9/2/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9/4/84	HOURS TESTED 24hrs	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BSL. 48	GAS—MCF. 58	WATER—BSL. 1	GAS-OIL RATIO 1230-1
FLOW, TUBING PRESS. 45#	CASING PRESSURE 45#	CALCULATED 24-HOUR RATE →	OIL—BSL. 47	GAS—MCF. 58	WATER—BSL. 1bbl	OIL GRAVITY-API (CORR.) 42	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Mr. David Green	
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.R. Martin</u>		TITLE <u>Operator</u>		OCT 09 1984			

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

NMOC

RV

FARMINGTON RESOURCE AREA

5mm

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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Pictured Cliffs	2552'			Pictured Cliffs	2552
Point Lookout	4698			Chacra	3357
Gallup	6359			Menefee	4128
Dakota	6777			Gallup	6359
				Greenhorn	6677
				Dakota	6777



W. B. MARTIN & ASSOCIATES, INC.

709 North Butler, Farmington, New Mexico 87401

Phone: (505) 326-4507

September 7, 1984

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

Well: Martin-Whittaker #33

Location: 760' FSL and 790' FWL
Sec. 16/T23N/R4W
Rio Arriba County, NM

Deviation Surveys

283'-1/2°
927'-1 1/4°
1447'-1 1/4°
1985'-1°
2477'-3/4°
2882'-1 1/2°
3297'-3/4°
3691'-1 1/4°
4191'-1/2°
4750'-3/4°

5208'-1/4°
5745'-1 1/2°
6375'-1 1/4°
6885'-2 3/4°
6970'-3°

Subscribed and Sworn to me on this 6th Day of September.

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

August 7, 1988
My Commission Expires

Notary Public
Notary Public