

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 ☐ Other Co-mingled

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

709 North Butler, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements)

At surface 690' FNL and 1690' FWL

At top prod. interval reported below

At total depth

RECEIVED

OCT 09 1984

OIL CON. DIV.

RECEIVED

OCT - 1 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON, NM 87401
DATE ISSUED 5/23/84

5. LEASE DESIGNATION AND SERIAL NO.

Contract #398

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#32 Martin-Whittaker

10. FIELD AND POOL, OR WILDCAT

S. Lindrith Gallup-Dakota Ext.

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

NW $\frac{1}{4}$ Sec. 16/T23N/R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 7/1/84 16. DATE T.D. REACHED 7/14/84 17. DATE COMPL. (Ready to prod.) 8/18/84 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 7050' GR 19. ELEV. CASINGHEAD 7050' GR

20. TOTAL DEPTH, MD & TVD 7166' 21. PLUG, BACK T.D., MD & TVD 7165' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Gallup 5538-45', 5902'-12', 6011'-27', 6112-16', 6589-94, Dakota 6906'-6912

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, Gamma Ray, Caliper, BHC

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"	32	266'	12 1/4"	206.50ft ³ Class B 2%CaCl ₂	N/A
5 1/2"	11.60	7162'	7 7/8"	94.2ft ³ 50/50 poz 480ft ³	
				10-1 and 314ft ³ 50/50 and	
				768ft 10-1 Thix.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	N/A	N/A	N/A		2 3/8"	6655'	

31. PERFORATION RECORD (Interval, size and number)

5538-45' .41 x32
5902-6116 .41x124
6589-94 .41x24
6906-12 .41x24

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5538-32	22bbl 10% Acetic
5902-6116	No Treatment
6589-94	36bbl 10% Acetic Acid
6906-94	24bbl 10% Acetic Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/18/84		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/20/84	24	3/4"	→	62.13	52	1/4"	8300-1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
45#	45#	→	62	52	1/4"	40.0	

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

W.B. Martin & Associates, Inc.

TITLE

Operator

DATE

9/20/84

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

ACCEPTED FOR RECORD
OCT 02 1984

NMOCC

FARMINGTON RESOURCE AREA

RV

Smm

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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
Pictured Cliff	2673			Ojo Alamo	2199'
Gallup	5750			Pictured Cliffs	2673'
Dakota	6886			Chacra	3464'
				Gallup	5750'
				Greenhorn	6789'
				Dakota	6886'



W. B. MARTIN & ASSOCIATES, INC.

709 North Butler, Farmington, New Mexico 87401

Phone: (505) 326-4507

Hole Deviations

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

Well Name: Martin-Whittaker #32

Well Location: 690' FNL and 1690' FWL
Sec 16/T23N/R4W
Rio Arriba County, N.M.

<u>Deviation</u>		<u>Depth</u>
1/4°	@	241'
3/4°	@	740'
3/4°	@	1236'
1/4°	@	1749'
3/4°	@	2587'
1/4°	@	3398'
1/4°	@	3931'
1/2°	@	4433'
1/2°	@	5030'
1/4°	@	5526'
1 1/4°	@	6085'
1°	@	6491'

Subscribed and Sworn to me this 21st Day of August 1984.

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

Jeri L. Jemeryfield
Notary Public

August 7, 1988
My Commission Expires