

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <u>Commingled</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>Contract #392</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"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Jicarilla Apache</u>	
2. NAME OF OPERATOR <u>W.B. Martin & Associates, Inc.</u>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>709 North Butler Farmington, NM 87401</u>		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <u>990' FNL and 1850' FNL</u> At top prod. interval reported below At total depth		9. WELL NO. <u>#61 Martin-Whittaker</u>	
10. FIELD AND POOL, OR WILDCAT <u>S. Lindrith Cellup Dakota</u>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>NE1/4 Sec. 21 T23N R14W</u>	
14. PERMIT NO.		DATE ISSUED <u>10/26/84</u>	
15. DATE SPUNDED <u>7/24/85</u>		16. DATE T.D. REACHED <u>8/8/85</u>	
17. DATE COMPL. (Ready to prod.) <u>9/16/85</u>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>7042'</u>	
19. ELEV. CASINGHEAD <u>7042'</u>		20. TOTAL DEPTH, MD & TVD <u>6890</u>	
21. PLUG, BACK T.D., MD & TVD <u>6887</u>		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <u>0-6890</u>		ROTARY TOOLS <u>0-6890</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <u>Mancoos (5431-48) (5557-5622) (5800-5985) Semilla (6252-6478)</u>		25. WAS DIRECTIONAL SURVEY MADE <u>Yes</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>DIL, SFL, FLC, CML, FIL</u>		27. WAS WELL COBED <u>No</u>	
CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
<u>9 5/8"</u>	<u>32</u>	<u>241</u>	<u>12 1/4</u>
<u>4 1/2"</u>	<u>11.6</u>	<u>6888</u>	<u>7 7/8</u>
CEMENTING RECORD		AMOUNT PULLED	
<u>206.50 ft³</u>		<u>N/A</u>	
<u>1758 ft³</u>		<u>N/A</u>	
LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
<u>2 3/8</u>	<u>6538</u>		
31. PERFORATION RECORD (Interval, size and number)			
5431 - 48 .375 x 39			
5557 - 5622 .375 x 129			
5800 - 5985 .375 x 133			
6252 - 6478 .375 x 29			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
<u>5431-48</u>		<u>25 BBLs 10% Acetic Acid</u>	
<u>5557-5622</u>		<u>88,000 H₂O 84,000# sand</u>	
<u>5800-5985</u>		<u>105,000 H₂O 145,000# sand</u>	
<u>6252-6478</u>		<u>60,000 H₂O 67,000# sand</u>	
33. PRODUCTION			
DATE FIRST PRODUCTION <u>9/16/85</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Pumping</u>	
WELL STATUS (Producing or shut-in) <u>Producing</u>			
DATE OF TEST <u>9/16/85</u>	HOURS TESTED <u>24</u>	CHOKE SIZE <u>N/A</u>	PROD'N. FOR TEST PERIOD <u>63</u>
FLOW. TUBING PRESS. <u>100#</u>	CASING PRESSURE <u>100#</u>	CALCULATED 24-HOUR RATE <u>63</u>	OIL--BBL. <u>63</u>
GAS--MCF. <u>28</u>		WATER--BBL. <u>20</u>	
OIL GRAVITY-API (CORR.) <u>41</u>			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Vent</u>			
35. LIST OF ATTACHMENTS			
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>	
DIST. 3		FARMINGTON RESOURCE AREA	

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

NMOC

OIL CON. DIV.

SEP 27 1985
DATE 9/19/85

ACCEPTED FOR RECORD

FARMINGTON RESOURCE AREA
BY KI

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on oil, gas, geothermal, and geothermal 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 report is submitted, copies of all currently available logs (drilling, 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 DEPTH-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	TRUEVERT. DEPTH
P.C.	2557'	2869'		Ojo Alamo	2130'	
Mesaverde	4112'	4896'		P.C.	2557'	
Mammos	4896'	6671'		Oracra	3342'	
Dakota	6852'			Mesaverde	4112'	
				Mammos	4896'	
				Graneros	6671'	
				Graneros	6747'	
				Dakota	6784'	