

NM OIL CONS. COMMISSION  
Drawer DD  
UNITED STATES OF AMERICA, NM 88210  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other Instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

C/SF

**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 _____		5. LEASE DESIGNATION AND SERIAL NO. LC-029389-b																									
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																									
2. NAME OF OPERATOR Hondo Oil and Gas Company		7. UNIT AGREEMENT NAME																									
3. ADDRESS OF OPERATOR P. O. Box 1610, Midland, Texas 79702		8. FARM OR LEASE NAME Wilmar Federal																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State laws) At surface 1980 FNL & 660 FWL (Unit Letter E) At top prod. interval reported below as above At total depth as above		9. WELL NO. 5																									
14. PERMIT NO. 30-015-25020		10. FIELD AND POOL, OR WILDCAT Tamano (Bone Springs)																									
DATE ISSUED SEP 29 1986 O. C. D. ARTESIA, OFFICE		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA 4-18S-31E																									
15. DATE SPUDDED 7-29-86		12. COUNTY OR PARISH Eddy																									
16. DATE T.D. REACHED 8-17-86		13. STATE NM																									
17. DATE COMPL. (Ready to prod.) 9-4-86		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3726.8 GR																									
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8540																									
21. PLUG, BACK T.D., MD & TVD 8494		22. IF MULTIPLE COMPL., HOW MANY* →																									
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-8540																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8063-8375 Bone Springs		CABLE TOOLS ---																									
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CNL/FDC/Cal GR/CIL/DLL																									
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)																									
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31. PERFORATION RECORD (Interval, size and number) 8063-8375 (20 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
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33.* PRODUCTION																											
DATE FIRST PRODUCTION 9-4-86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping																									
		WELL STATUS (Producing or shut-in) Producing																									
DATE OF TEST 9-14-86		HOURS TESTED 24																									
CHOKE SIZE		PROD'N. FOR TEST PERIOD →																									
		OIL—BBL. 25																									
		GAS—MCF. 24																									
		WATER—BBL. 10																									
		GAS-OIL RATIO 960																									
FLOW. TUBING PRESS. ---		CASING PRESSURE ---																									
		CALCULATED 24-HOUR RATE →																									
		OIL—BBL. 25																									
		GAS—MCF. 25																									
		WATER—BBL. 10																									
		OIL GRAVITY-API (CORR.) 39.0																									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold		TEST WITNESSED BY Bill Chandler																									
35. LIST OF ATTACHMENTS Log as listed Item 26.		SEP 26 1986																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED <u>Ken W. Gosnell</u>		TITLE <u>Engr. Tech. Spec.</u>																									
		DATE <u>9-17-86</u>																									

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

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
				Queen	3086	
				Grayburg	3570	
				San Andres	4106	
				Bone Springs	5510	
				First Bone Springs	sd 7174	
				Second Bone Springs	sd 7724	

WELL NAME AND NUMBER Wilmar Federal #5

LOCATION Section 4, T18S, R31E, Eddy County, New Mexico  
 (New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Hondo Oil and Gas Company

DRILLING CONTRACTOR Moranco Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/2 252</u>	<u>2 4678</u>	<u>2 5830</u>	<u>3 1/2 7005</u>
<u>3/4 697</u>	<u>1 3/4 4717</u>	<u>2 1/2 5908</u>	<u>3 1/2 7110</u>
<u>3/4 1027</u>	<u>1 1/2 4805</u>	<u>2 3/4 5995</u>	<u>3 7193</u>
<u>1/2 1510</u>	<u>1 3/4 4907</u>	<u>2 1/2 6092</u>	<u>3 7320</u>
<u>1 1/2 1913</u>	<u>1 1/2 5000</u>	<u>3 6175</u>	<u>2 3/4 7453</u>
<u>3/4 2182</u>	<u>1 5076</u>	<u>3 6280</u>	<u>2 1/2 7654</u>
<u>1/2 2670</u>	<u>1 5176</u>	<u>3 1/2 6361</u>	<u>2 7949</u>
<u>1 1/2 3170</u>	<u>1 1/2 5271</u>	<u>3 6450</u>	<u>3/4 8247</u>
<u>1 3491</u>	<u>1 3/4 5376</u>	<u>3 1/2 6550</u>	<u>3/4 8540</u>
<u>1 3800</u>	<u>1 1/2 5455</u>	<u>3 3/4 6642</u>	
<u>3/4 4095</u>	<u>1 1/2 5645</u>	<u>3 3/4 6734</u>	
<u>1/2 4489</u>	<u>2 5749</u>	<u>3 1/2 6838</u>	

Drilling Contractor Moranco Drilling, Inc.

By Wiley Gilmore  
 Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 19th day of August 19 86

My Commission expires:

December 6, 1988

Nancy A. Shelley  
 Notary Public Nancy Shelley  
 Lea County, New Mexico