

UNITED STATES
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

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR
Hondo Oil and Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with an State ☐ Federal ☒
At surface 560' FSL & 960 FWL (Unit Letter M)

At top prod. interval reported below as above

At total depth as above

14. PERMIT NO.
30-015-22660

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O. C. D.

ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

LC 029389 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wilmar Federal

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

North Shingai
Tamano Bone Springs

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

4-18S-31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 9-27-86 16. DATE T.D. REACHED 10-15-86 17. DATE COMPL. (Ready to prod.) 11-24-86 18. ELEVATIONS (DF. RKB. RT. GR. ETC.)* 3724 RKB 3705GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH. MD & TVD 8550 21. PLUG. BACK T.D., MD & TVD 8535 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-8550 24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8134-8480 Bone Springs

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/DLL/MSFL, GR/CNL/FDC

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	685	17-1/2	750 SX	
8-5/8	24	2187	11	880 SX	
5-1/2	20,17	8550	7-7/8	1575 SX	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8480	

ACCEPTED FOR RECORD

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8134-8480		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7376-7925		8134-8480	A w/3000 gals. Frac w/116,000 gals & 306,000#sd.
		7376-7925	A w/2700 gals. Frac w/48,000 gals & 114,000# sd. Sqzd w/300sx

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-24-86		pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
12-6-86	24			56	45	27	803
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			56	45	27	39	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
sold

35. LIST OF ATTACHMENTS

Logs as listed in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Ken W. Gornell TITLE Engr. Tech. Spec. DATE 12-22-86

*(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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Queen	3126	
				Grayburg	3612	
				San Andres	4138	
				Bone Spring	5534	
				First Bone Spring	7286	
				Second Bone Spring	7830	

WELL NAME AND NUMBER

Wilmar Federal #6

302

LOCATION

Section 4, T18S, R31E, Lea 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.

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O. C. D.

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>
1/2 201	1 3/4 4319	2 1/4 5633	2 1/2 6822
3/4 467	1 1/4 4610	2 3/4 5735	3 6948
1/4 685	1 1/4 4694	3 5829	3 7049
3/4 1098	1 3/4 4786	3 5913	2 3/4 7174
1 1/4 1502	2 4880	3 1/4 5954	2 1/4 7288
1 3/4 1899	2 1/4 4974	3 1/4 6049	2 1/2 7412
1 2187	2 1/4 5071	3 6134	2 7537
1/2 2671	2 1/2 5164	3 6229	2 1/4 7625
1 1/4 3208	2 1/2 5256	2 3/4 6322	2 7756
1 3/4 3419	2 5350	1 1/2 6448	1 3/4 7911
1 3/4 3697	1 3/4 5445	2 6573	1 3/4 8159
1 3/4 4008	1 1/4 5540	2 6697	2 8550

Drilling Contractor

MORANCO Drilling, Inc.

By

Wiley Gilmore

Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 20th day of

October

19 86

My Commission expires:

January 30, 1989

Notary Public

Susie Branyon

Lea County, New Mexico