

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL & GAS COMMISSION  
SUBMIT IN DUPLICATE  
See other Instructions on reverse side

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other <input type="checkbox"/>		
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. RESER. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Hondo ARCO Oil and Gas Company ✓						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1610 Midland, Texas 79702						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 1980' FSL & 1980' FWL (Unit K) At top prod. interval reported below as above At total depth as above						8. FARM OR LEASE NAME Wilmar Federal	
14. PERMIT NO. 30-015-25607						9. WELL NO. 2	
15. DATE SPUDDED 5-25-86						10. FIELD AND POOL, OR WILDCAT Tamano (Bone Springs)	
16. DATE T.D. REACHED 6-14-86						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA 4-18S-31E	
17. DATE COMPL. (Ready to produce) 7-7-86						12. COUNTY OR PARISH Eddy	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3741 KB						13. STATE NM	
20. TOTAL DEPTH, MD & TVD 8540		21. PLUG BACK T.D., MD & TVD 8480		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-8540	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8130-8430 Bone Springs						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CNL/CCL						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	
13-3/8	48	688	17½	750sx "C". Circ to surf.			
8-5/8	24	2180	11	850sx "C". Circ to surf.			
5-1/2	17	8540	7-7/8	1500sx TOC 1219 TS			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8430	
31. PERFORATION RECORD (Interval, size and number) 8130-8430 (19 - .48" holes)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				8130-8430		A w/3000gal 7½% HCl	
						frac w/64,000 gals & 42,000#sd	
						frac w/96,000 gals & 160,000#sd	
33.* PRODUCTION							
DATE FIRST PRODUCTION 7-7-86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7-14-86	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 160	GAS—MCF. 130	WATER—BBL. 25	GAS-OIL RATIO 812
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
					25	39.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Floyd Anderson	
35. LIST OF ATTACHMENTS Logs 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. Gosnell		TITLE CARLSBAD, NEW MEXICO Engr. Tech. Spec.		DATE 7-21-86			

\*(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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
					Seven River Queen Grayburg San Andres 1st Bone Springs 2nd Bone Springs	2432 3120 3614 4104 7198 7794	

WELL NAME AND NUMBER Wilmar Federal #2

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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 CompanyDRILLING 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>3/4 165</u>	<u>3/4 3103</u>	<u>2 1/4 5130</u>	<u>1 1/2 6483</u>
<u>1 373</u>	<u>1 3417</u>	<u>2 1/2 5220</u>	<u>3 1/4 6750</u>
<u>1/4 696</u>	<u>1 1/2 4043</u>	<u>2 1/4 5290</u>	<u>3 6850</u>
<u>1/2 1060</u>	<u>1 1/4 4136</u>	<u>2 1/4 5410</u>	<u>3 6942</u>
<u>1 1425</u>	<u>1 1/2 4261</u>	<u>2 1/2 5505</u>	<u>2 3/4 7035</u>
<u>2 1795</u>	<u>2 4285</u>	<u>2 3/4 5600</u>	<u>3 1/4 7125</u>
<u>1 3/4 1888</u>	<u>1 3/4 4430</u>	<u>2 1/2 5685</u>	<u>3 7223</u>
<u>1 1/2 1980</u>	<u>1 1/2 4517</u>	<u>2 1/4 5788</u>	<u>3 1/4 7315</u>
<u>1 1/4 2073</u>	<u>2 4628</u>	<u>2 5878</u>	<u>3 7405</u>
<u>1 2180</u>	<u>2 1/2 4850</u>	<u>1 3/4 5938</u>	<u>2 3/4 7595</u>
<u>1 2481</u>	<u>2 1/4 4950</u>	<u>1 3/4 6127</u>	<u>2 3/4 7685</u>
<u>3/4 2792</u>	<u>2 1/2 5040</u>	<u>1 1/2 6280</u>	<u>2 1/2 7775</u>

Drilling Contractor MORANCO Drilling, Inc.By Wiley Gilmore  
Wiley Gilmore - Marketing ManagerSubscribed and sworn to before me this 17th day of June 19 86

My Commission expires:

January 30, 1989Susie Branyon  
Notary Public Susie Branyon  
Lea County, New Mexico

WELL NAME AND NUMBER Wilmar A. Akrat #2

305

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.

Degrees and Depth

2 1/4 8045

2 8240

1 3/4 8455

1 3/4 8540

Degrees and Depth

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

Degrees and Depth

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

                    

Degrees and Depth