

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Drill Log
SUBMIT IN DUPLICATE
85510 (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 ☒ GAS WELL ☐ DRY ☐ Other _____		5. PERMIT NUMBER AND SERIAL NO. LC-029426-B	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME H. E. West "B"	
2. NAME OF OPERATOR Hondo Oil & Gas Company ✓		7. UNIT AGREEMENT NAME CABLE TOOLS	
3. ADDRESS OF OPERATOR P. O. Box 2208, Roswell, NM 88202		8. FARM OR LEASE NAME Grayburg Jackson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 560' FNL & 660' FWL At top prod. interval reported below At total depth		9. WELL NO. 40	
14. PERMIT NO. DATE ISSUED 11/28/88		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10-T17S-R31E		12. COUNTY OR PARISH Eddy	
13. STATE NM		19. ELEV. CASINGHEAD	
15. DATE SPUDDED 12/22/88	16. DATE T.D. REACHED 1/1/89	17. DATE COMPL. (Ready to prod.) 2/2/89	18. ELEVATIONS (DF, HKB, RT, GR, ETC.) * 3918' GR
20. TOTAL DEPTH, MD & TVD 4021'	21. PLUG. BACK T.D., MD & TVD 3956'	22. IF MULTIPLE COMPL., HOW MANY * →	23. INTERVALS DRILLED BY 4021'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 3345-3425', 3475-3547', 3585-3746', 3792-3941' Grayburg San Andres			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-LD-NGT, DLL-MSFL			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	603'	12 1/4"
5 1/2"	17#	4021'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
350 sx. Class "C"			
350 sx. Premium Plus +			
900 sx. HLC			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3868'		
31. PERFORATION RECORD (Interval, size and number)			
3792-3941' 52 shots			
3585-3746' 43 shots			
3475-3547' 43 holes			
3345-3425' 32 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3792-3941'		1000 gal. 15% NEFE acid	
3792-3941'		6000 gal. 20% CRA acid	
3585-3746'		4000 gal. 15% NEFE acid	
3585-3746'		36,000 gal. 30# x-linked gel +	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2/11/89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 2/14/89		HOURS TESTED 24	
CHOKE SIZE		PROD'N. FOR TEST PERIOD →	
OIL—BBL.		GAS—MCF.	
92		47	
WATER—BBL.		GAS-OIL RATIO	
246			
FLOW, TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Deviation survey, logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <u>Carl S. Glass</u> TITLE <u>Engineer</u> DATE <u>2/28/89</u>			

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

Hondo Oil & Gas Co.

H. E. West "B" #40

Sec.10-T17S-R31E

Eddy Co., NM

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	570'	
				Salado	750'	
				Tansill	1710'	
				Yates	1860'	
				Seven Rivers	2170'	
				Queen	2780'	
				Grayburg	3190'	
				Premier	3370'	
				San Andres	3530'	
				Lovington Sd.	3650'	
				TD	4021'	

38. GEOLOGIC MARKERS

Completion Report
Hondo Oil & Gas Company
H. E. West "B" #40
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32. 3475-3547' 4000 gal. 15% NEFE acid
3475-3547' 50,000 gal. 30# x-linked gelled water +
110,000# 20-40 sand

3345-3425' 3000 gal. 15% NEFE acid
3345-3425' 40,000 gal. 30# x-linked gel + 80,000#
20-40 sand

WELL NAME AND NUMBER H. E. West "B" Federal No. 40

LOCATION Section 10, T17S, R31E, 560' FNL & 660' FWL, Eddy County, New Mexico

OPERATOR Hondo Oil & Gas Company

DRILLING CONTRACTOR United Drilling, Inc.

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

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	RECEIVED	<u>Degrees @ Depth</u>
<u>1/2° 600'</u>	<u> </u>	MAR 16 '89	<u> </u>
<u>1/2° 1000'</u>	<u> </u>	O. C. D.	<u> </u>
<u>3/4° 1511'</u>	<u> </u>	ARTESIA, OFFICE	<u> </u>
<u>1/4° 2016'</u>	<u> </u>		<u> </u>
<u>1/2° 2518'</u>	<u> </u>		<u> </u>
<u>1/2° 3014'</u>	<u> </u>		<u> </u>
<u>1/2° 3500'</u>	<u> </u>		<u> </u>
<u>3/4° 4021'</u>	<u> </u>		<u> </u>

Drilling Contractor United Drilling, Inc.

By: *L. M. Gibbs*

Title: Business Manager

Subscribed and sworn to before me this 4th day of January,
1989.

Karna Jankersley
Notary Public

My Commission Expires: 9-25-91

Chaves New Mexico
County State