

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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 ☐

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

2. NAME OF OPERATOR  
Hondo Oil & Gas Company

3. ADDRESS OF OPERATOR  
P. O. Box 2208, Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
1780' FNL & 660' FWL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED  
6/23/88

5. LEASE DESIGNATION AND SERIAL NO.  
43 505  
LC-029345-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
J. L. Keel "B" Federal

9. WELL NO.  
37

10. FIELD AND POOL, OR WILDCAT  
Grayburg Jackson

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 5-T17S-R31E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

15. DATE SPUNDED  
6/30/88

16. DATE T.D. REACHED  
7/9/88

17. DATE COMPL. (Ready to prod.)  
7/16/88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
3805' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
3754'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
3754'

24. PRODUCING INTERVAL(S). OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)\*  
2999-3697' Grayburg Jackson

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)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	380'	12 1/4"	500 sx. Class "C" w/2% CC	None circ'd
5 1/2"	15.5#	3754'	7 7/8"	1100 sx. Pacesetter Lite	None
				+ 200 sx. Class "C" Thixomix	circ'd

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3644'	None

31. PERFORATION RECORD (Interval, size and number)

3306, 35, 38, 43, 71, 95, 3406, 12, 86, 92, 3505, 12, 26, 38, 50, 70, 73, 75, 3610, 30, 68, 71, 83, 85, 92 & 97' 1 JSPF 2999, 3000, 06, 12, 22, 54, 58, 88, 93, 96, 98, 3114, 17, 27, 53, 54, 61, 80, 93, 95, 3204, 09, 10, 11, 12, 27, 36, 37, 38, 39, 45, 55 & 56 1 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3306-3697'	2000 gal. 15% NEFE
3306-3697'	50,000 gal. 30# x-linked fluid + 115,000# 20-40 sand
2999-3256'	60,000 gal. 30# x-linked fluid + 131,000# 20-40 sand

33. PRODUCTION

DATE FIRST PRODUCTION  
7/19/88

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)  
Pumping 2 - 1 1/2 - RHBC - 16

WELL STATUS (Producing or shut-in)  
Producing

DATE OF TEST  
7/23/88

HOURS TESTED  
24

CHOKE SIZE

PROD'N. FOR TEST PERIOD  
113

OIL--BBL.  
40

GAS--MCF.  
11

WATER--BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASINO PRESSURE

CALCULATED 24-HOUR RATE

OIL--BBL.

GAS--MCF.

WATER--BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY  
Mike Rogers

35. LIST OF ATTACHMENTS  
Logs, Deviation Survey

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

SIGNED William D. Fulton TITLE Engineer DATE 8/10/88

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HONDO OIL & GAS COMPANY  
 J. L. KEEL "B" FEDERAL #37  
 1780' FNL & 660' FWL  
 Sec.5-T17S-R31E

~~Eddy Co., NM~~ Elev. 3805' GT

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
Grayburg Premier San Andres	2999'	3058'		Rustler	338'	(+3478)
	3088'	3212'		Salado (top of salt)	513'	(+3303)
	3212'	3697'		Tansill (bottom of salt)	1493'	(+2373)
				Yates	1577'	(+2239)
				Seven Rivers	1874'	(+1942)
				Queen	2477'	(+1339)
				Grayburg	2910'	(+906)
				Premier	3086'	(+730)
				San Andres	3212'	(+604)
				Lovington Sand	3316'	(+500)

WELL NAME AND NUMBER J. L. Keel "B" Federal No. 37

RECEIVED

LOCATION Section 5, T17S, R-31E, Eddy County, New Mexico

OPERATOR Hondo Oil & Gas Company

AUG 18 '88

DRILLING CONTRACTOR United Drilling, Inc.

O. C. D.  
ARTESIA, OFFICE

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

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 516'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° 1032'</u>	<u>                    </u>	<u>                    </u>
<u>1° 1500'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 2021'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° 2500'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° 3000'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 3500'</u>	<u>                    </u>	<u>                    </u>

Drilling Contractor United Drilling, Inc.

By: E. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 11th day of July, 19 88

Karma Landersley  
Notary Public

My Commision Expires: 9-25-91

Chaves County New Mexico