

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-029435-B	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DEEP. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Hondo Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2208, Roswell, NM 88202		8. FARM OR LEASE NAME J. L. Keel "B" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 510' FSL & 660' FWL At top prod. interval reported below At total depth		9. WELL NO. 39	
14. PERMIT NO. O. C. D. ARTESIA, OFFICE		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson	
DATE ISSUED 5/18/88		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 5-T17S-R31E	
15. DATE SPUDDED 6/6/88	16. DATE T.D. REACHED 6/14/88	17. DATE COMPL. (Ready to prod.) 6/24/88	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3780' GL
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 3758'		
21. PLUG, BACK T.D., MD & TVD 3711'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS 3758'	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3258-3702', 3054-3238', 3011-3019' 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#	379'	12 1/4"
5 1/2"	15.5#	3757'	7 7/8"
			300 sx. Class C w/2% CACL
			900 sx. Class C Lite +
			250 sx. Expanding
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2 3/8"
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3646'		
31. PERFORATION RECORD (Interval, size and number)			
3258, 61, 78, 3310, 15, 17, 44, 64, 82, 3450, 60, 78, 3530, 50, 75, 75, 95, 99, 3601, 40, 42, 73, 83, 87, 89, 3702' 1 JSPF			
3054, 61, 76, 80, 88, 92, 95, 3118, 27, 45, 60, 61, 70, 71, 77, 82, 3202, 16, 27, 30, 33, 33' 1 JSPF			
3011-19' 2 JSPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3258-3702'		2000 gal. 15% NEFE	
3258-3702'		30,000 gal. x-linked gel + 54,000# 16-30 sand	
3054-3238'		2000 gal. 7 1/2% NEFE & 40,000 gal. x-linked gel w/4000# 16-30 sand + 82,000# 12-20 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 6/25/88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 - 1 1/2 - RHBC - 16	
DATE OF TEST 7/12/88		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE NA	PROD'N. FOR TEST PERIOD OIL—BBL. 200	GAS—MCF. 45
WATER—BBL. 150	GAS-OIL RATIO		
FLOW. TUBING PRESS.	CASING PRESSURE NA	CALCULATED 24-HOUR RATE	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for test only			
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 [Signature]		TITLE Production Foreman	
DATE 7/13/88		DATE 7/13/88	

*(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
T/Rustler	333'	510'				
T/Salt	510'	1412'				
T/Tansill	1412'	1548'				
T/Yates	1548'	1848'				
T/Seven Rivers	1848'	2469'				
T/Queen	2469'	2876'				
T/Grayburg	2876'	3049'	Sandstone			
T/Premier	3049'	3184'	Sandstone			
T/San Andres	3184'	3291'	Dolomite			
T/Lovington SS	3291'	3354'				
T/San Andres "M"	3354'	NDE	Dolomite			
TD	3760'					

Hondo Oil & Gas Co.
J. L. Keel "B" Fed. #
Sec.5-T17S-R31E
Eddy Co., NM
Completion Report
Page -2-

32. 3011-3019' Acidized with 4000 gal. 15% NEFE. Fracture stimulated
with 15,000 gal. x-linked gel + 18,000# 20-40 sand.

WELL NAME AND NUMBER J L Keel "B" Federal No. 39

LOCATION Section 5, T17S, R31E, 510' FSL & 660' FWL, Eddy County, New Mexico

OPERATOR Hondo Oil & Gas Company

RECEIVED

DRILLING CONTRACTOR United Drilling, Inc.

JUL 26 '88

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° 380'</u>	<u>3/4° 3758'</u>	<u> </u>
<u>1/2° 985'</u>	<u> </u>	<u> </u>
<u>1-1/2° 1518'</u>	<u> </u>	<u> </u>
<u>1-1/4° 1980'</u>	<u> </u>	<u> </u>
<u>1° 2500'</u>	<u> </u>	<u> </u>
<u>1/2° 2980'</u>	<u> </u>	<u> </u>
<u>1° 3500'</u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: L. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 15th day of June, 19 88

Karna Tankersley
Notary Public

My Commision Expires: 9-25-91 Charles County New Mexico