

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
640' FNL & 2050' FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
LC-029435-A (SJS)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
J. L. Keel "A" FGD.

9. WELL NO.
17

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson SR-Q-G-5A

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 7-T17S-R31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

14. PERMIT NO. DATE ISSUED
6/28/88

15. DATE SPUDDED
7/10/88

16. DATE T.D. REACHED
7/20/88

17. DATE COMPL. (Ready to prod.)
7/27/88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3754' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
3785'

21. PLUG, BACK T.D., MD & TVD
3527'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
3785'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2870-3512' Grayburg Jackson

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL-LD-NGT, DLL-MSFL

27. WAS WELL CORRED
No

CASING RECORD (Report all strings set in well)					AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	
8 5/8"	24#	400'	12 1/4"	300 sx. Class "C" w/2% CC	None circ'd
5 1/2"	15.5#	3785'	7 7/8"	1200 sx. HLC + 300 sx. Class "C"	None circ'd

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3495'	None

PERFORATION RECORD (Interval, size and number)					ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3378, 80, 89, 3408, 24, 38, 41, 51, 56, 72, 77, 78, 88, 93, 98, 3501, 09, 11, 12, 34, 69, 78, 90, 99, 3611, 21, 25, 27, 43, 53, 76, 80, 3702, 05, 08, 22, 25, 26, 33, 36, 42 & 47' 1 JSPF					DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3136, 45, 51, 55, 59, 66, 69, 75, 92, 3200					3378-3747'	4000 gal. 15% NEFE + 20 b.s.
					3378-3747'	60,000 gal. 30# x-linked gel + 118,000# 20-40 sand
					3136-3340'	2000 gal. 15% NEFE + 40 b.s.

33. PRODUCTION

DATE FIRST PRODUCTION
8/10/88

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
8/25/88

HOURS TESTED
24

CHOKE SIZE

PROD'N. FOR TEST PERIOD
54

OIL—BBL.
37

GAS—MCF.
45

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING 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.)
Sold

TEST WITNESSED BY
Mike Rogers FOR RECORD

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 Ron Brown TITLE Engineer DATE 8/25/88

CARLSBAD, NEW MEXICO

*(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.

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
Seven Rivers	1788'	2040'	Dolomite	Rustler	357'	(+3408)
Grayburg	2802'	2979'	Dolomite stringers	T/Salt	528'	(+3237)
Premier	2979'	3120'	Sand stringers	B/Salt (Tansill)	1336'	(+2429)
San Andres (Upper SA)	3120'	3223'	Dolomite	Yates	1490'	(+2275)
Lovington Sand	3223'	3270'	Sand	Seven Rivers	1788'	(+1977)
				Queen	2390'	(+1375)
				Grayburg	2802'	(+963)
				Premier	2979'	(+786)
				San Andres	3120'	(+645)
				Lovington Sand	3223'	(+542)

31. 3225, 36, 44, 46, 48, 80, 84, 94, 3313, 22 & 40' 1 JSPF
2870, 85, 91, 95, 2901, 21, 39, 49, 79, 83, 91, 3002, 06,
14, 20, 32, 45, 47, 55, 60, 68, 84, 90, 92, 96, 98, 3102,
13, 15 & 18' 1 JSPF
32. 3136-3340' 60,000 gal. 30# x-linked gel + 131,000#
20-40 sand
2870-3118' 2000 gal. 15% NEFE + 20 ball sealers
2870-3118' 60,000 gal. 30# x-linked gel + 120,000#
20-40 sand + 16 ball sealers
CIBP set @ 3527'

WELL NAME AND NUMBER J. L. Keel "A" ~~Federal~~ No. 17
LOCATION Section 10, T17S, R31E, 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 has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 536'</u>	<u> </u>	<u> </u>
<u>1-1/4° 1084'</u>	<u> </u>	<u> </u>
<u>3/4° 1500'</u>	<u> </u>	<u> </u>
<u>1/2° 2073'</u>	<u> </u>	<u> </u>
<u>3/4° 2508'</u>	<u> </u>	<u> </u>
<u>1° 3000'</u>	<u> </u>	<u> </u>
<u>1/2° 3522'</u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: L. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 21st. day of July,
19 88

Karna Tankersley
Notary Public

My Commision Expires: 9-25-91

Chaves County New Mexico