

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 0141013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Phyllis Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec.20-T19S-R34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

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 660' FSL & 660' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1/14/91

16. DATE T.D. REACHED

2/12/91

17. DATE COMPL. (Ready to prod.)

6/20/91

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

3712'

20. TOTAL DEPTH, MD & TVD

10,870'

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

4826'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-10,870'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4798'-4808' Penrose

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT, 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	CEMENTING RECORD	AMOUNT PULLED
13 3/8"		512'	17 1/2"	525sx Class"C" circ 100sx	
8 5/8"	32# & 24#	4308'	11"	1200sx Lite+200sx Class"C" circ.60sx to surface.	
5 1/2"	17#	5086'	7 7/8"	200sx Class"C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4767.88'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4798' to 4808' = 11 holes (.528)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4798'-4808'	2000gals 7½% HCL
4798'-4808'	17,500gals crosslinked gelled 2% KCL wtr & 26,500# 16-30 Ottawa sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/21/91		Pumping - 2½"X1½"X20' RWBC Pump.				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/30/91	24		→	94	36	149	383
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	94	36	149	37.4	

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

Vented pending pipeline connection.

TEST WITNESSED BY

Joe Handley

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 E. L. Biltross Jr.

TITLE Petroleum Engineer

DATE 07/02/91

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bone Springs	10,060'	10,192'	Opened tools @ 5:56 a.m. 2/7, slight blow on bubble hose, 6" in bubble bucket. 1st flow(30 min) weak blow 0 psi to 4.5 oz on bubble hose, 1st SI(60 min) 2nd flow(120min) 0 psi bldg to 6.5 oz. 2nd SI(240min). Recovery 1081', muddy gas cut wtr, 216' formation wtr, CL 55,000 ppm. Sampler 620psi .175 cf/gas, trace oil, 2500 cc muddy wtr, 55,000 CL, pit sample 43,000 CL; Initial hydrostatic 4761 psi, 1st flow 161 psi, 326 psi, 1st SI 167 psi, 2nd flow 414 psi, 566 psi, 2nd SI 1667 psi, final hydrostatic 4761 psi.	Rustler(Anhy.) Salado(Top of salt) Tansil(Base of salt) Yates Rivers Queen Penrose San Andres Delaware Bone Springs 1st Bone Springs 2nd Bone Springs 3rd Bone Springs Wolfcamp TD	1,692' 1,934' 3,226' 3,792' 4,031 4,494 4,754 4,932 5,780 8,104 9,406 9,914 10,543 10,770 10,870	(+2034) (+1792) (+ 498) -66 -305 -768 -1028 -1206 -2054 -4378 -5680 -6188 -6817 -7044
Bone Springs	10,156'	10, 189'	Open tool @ 4:24 p.m. 2/8, 1st flow(30min) 1/4 oz on bubble hose, 2nd flow(60min) 1/4 oz on bubble hose. Recovery 897' drlg mud CL 40,767 ppm, sampler 15 psi, 0 gas, 0 oil 1300 cc mud, middle CL 49,630 ppm, top of tool 62,037 ppm. Initial hydrostatic 4823 psi, 1st flow 38 psi, 165 psi, 1st SI 4816 psi, 2nd flow 26 psi, 343 psi, 2nd SI 2999, final hydrostatic 4823 psi.			