

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-025-11972
Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DISPOSITION AND SERIAL NO.
NM-7951
RECEIVED
Nov 30 11 45 AM '90
7. UNIT AGREEMENT NO.
8. NAME OR LEASE NAME
Leonard Federal
9. WELL NO.
3
10. FIELD AND POOL, OR WILDCAT
Undes, Yates Gas
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 11, T26S, R37E
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
United Gas Search, Inc.

3. ADDRESS OF OPERATOR
P. O. Box 755, Hobbs, NM 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1650' FSL & 1650' FWL of Sec. 11
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 10/11/90 16. DATE T.D. REACHED _____ 17. DATE COMPL. (Ready to prod.) 10/16/90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2994 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3642 21. PLUG, BACK T.D., MD & TVD 3015 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2696 - 2880 Yates 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 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
10 3/4	40#	279	Unknown	100 sacks	None
7"	20#	3342	Unknown	450 sacks	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	2600	2550

31. PERFORATION RECORD (Interval, size and number) 2696 - 2702, 2772-94, 2800-14, 2862-80, 2936-46, 2950-56, 1 shot per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2696 - 2956	2,000 gal. 15% HCL acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
10/16/90	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/16/90	24	--	→	None	93	50	--
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20#	0#	→				--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Roy S. Peugh, Jr.

35. LIST OF ATTACHMENTS

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

SIGNED Blasius Welles TITLE Agent. DATE 11/28/90

*(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
Yates	2570	2985	Dolomite & Sand	Yates	2570	
7 Rivers	2985	3340	Dolomite & Sand	7 Rivers	2985	
Queen	3340	3480	Dolomite & Sand	Queen	3340	
				Penrose	3480	