

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
**DISTRICT I**  
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

**DISTRICT II**  
 P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
 P.O. Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
 30-025-31106

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.

**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  DEEPEN  PLUG BACK  DIFF RESVR  OTHER \_\_\_\_\_

2. Name of Operator  
 Pyramid Energy, Inc.

3. Address of Operator  
 14100 San Pedro. Ste. 700 San Antonio, Texas 78232

4. Well Location  
 Unit Letter I : 2563 Feet From The South Line and 40 Feet From The East Line  
 Section 28 Township 19S Range 35E NMPM Lea County

7. Lease Name or Unit Agreement Name  
 East Pearl Queen Unit

8. Well No.  
 77

9. Pool name or Wildcat  
 Pearl Queen

10. Date Spudded 12/22/90 11. Date T.D. Reached 01/03/91 12. Date Compl. (Ready to Prod.) 02/25/91 13. Elevations (DF & RKB, RT, GR, etc.) 3719' GR 14. Elev. Casinghead -

15. Total Depth 5025' 16. Plug Back T.D. 4934' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools x

19. Producing Interval(s), of this completion - Top, Bottom, Name 4688'-4869' 20. Was Directional Survey Made Yes, attached

21. Type Electric and Other Logs Run CNL-FDC, DIL 22. Was Well Cored No

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	406'	12 1/4"	250 sx. cir. 65 sx	
5 1/2"	15.5 & 17#	4995'	7 7/8"	700 sx. cir. 120 sx.	

**LINER RECORD**

**TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	4685	

26. Perforation record (interval, size, and number)  
 4688-4698  
 4800-4807

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4688-4698	F:300 BBL Jelled water, 32200#
	20/40 Brady Sand
4800-4869	F:75300# 20/40 Brady & 475 Jelled

**PRODUCTION**

water w/75 tons CO<sub>2</sub>

28. Date First Production 02/25/91 Production Method (Flowing, gas lift, pumping - Size and type pump) Pump Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
02/27/91	24	-		1	TSTM	345	TSTM
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
-	50 psi		1	TSTM	345		

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Alan Short

30. List Attachments  
 Logs, Deviation Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Scott Graef Printed Name Scott Graef Title Prod. Engineer Date 04/23/91

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

- |                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 4600'     | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn _____            | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn "A" _____           | T. _____               |

### OIL OR GAS SANDS OR ZONES

- No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

- No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1040		Redbed				
1040	2188		Redbed & Anhydrite				
2188	3869		Salt & Anhydrite				
3869	4895		Anhydrite				
4895	5025		Salt & Anhydrite				

APR 20 1951  
 318-008-1074