

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1. 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  
Amoco Production Company

3. ADDRESS OF OPERATOR  
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 930' FSL x 790' FWL  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
NM-03198

6. IF INDIAN, ALLUTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jack Frost Gas Com "E"

9. WELL NO.  
1E

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SW/SW, Sec. 25, T27N, R10W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

15. DATE SPUDDED 10-17-83 16. DATE T.D. REACHED 10-31-83 17. DATE COMPL. (Ready to prod.) 11-8-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6550' GL 19. ELEV. CASINGHEAD 6563' KB

20. TOTAL DEPTH, MD & TVD 6997' 21. PLUG, BACK T.D., MD & TVD 6952' 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)\*  
6762'-6936' Basin Dakota 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
FDC-CNL-Caliper-GR DIL-SP-GR 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
8.625"	24#, K-55	292'	12.25"	360cu.ft. Class B w/2% CaO	12
4.5"	10.5#, K-55	6997'	7.875"	(1)647cu.ft. Pozzolanic type and tailed in w/118 cu.ft. cement. (2)2797cu.ft. Pozzolanic type	50:50 POZ cemen Class B Neat 65:35

29. LINER RECORD Poz cement tailed in w/118cu.ft. TUBING RECORD Class B Neat cement

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6927'	

31. PERFORATION RECORD (Interval, size and number)  
6762'-6777', 6809'-6818-, 6851'-6900', 6918'-6926', 6932'-6936', 2 jspf, .38" in dia., for a total of 170 holes.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(6762'-6936')	120,000 gals. of 75 quality foamed 20# gelled water continuing 2% KCL breaker, and 150,000# 20-40 sand.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11-30-83	Flowing	Shut-IN

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-1-83	3 hrs.	.75	→		278		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
178 psig	553 psig	→		2221		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
To be sold. TEST WITNESSED BY J.J. Barnett

35. LIST OF ATTACHMENTS  
ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED \_\_\_\_\_ TITLE Dist. Adm. Supervisor DATE DEC 21 1983

\* (See Instructions and Spaces for Additional Data on Reverse Side) FARMINGTON RESOURCE AREA BY Sm

**NMOCC**

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**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		DESCRIPTION, CONTENTS, ETC.	BOTTOM		NAME	TOP	
	Surface	1500*		1500*	1543		MEAS. DEPTH	TRUE VERT. DEPTH
Nacimientos	Surface	1500*	*Kelly Bushing Reference Point	1500*				
Ojo Alamo	1500	1543		1543				
Kirtland	1543	2144		2144				
Fruitland	2144	2315		2315				
Pictured Cliffs	2315	2406		2406				
Lewis	2406	3882		3882				
Cliff House	3882	3976		3976				
Menefee	3976	4736		4736				
Point Lookout	4736	5036		5036				
Mancos	5036	5920		5920				
Gallup	5920	6361		6361				
Mancos	6361	6675		6675				
Greenhorn	6675	6735		6735				
Graneros	6735	6757		6757				
Dakota	6757	6971		6971				
Morrison	6971	6997		6997				
TD	6997							