

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 47-R355.6.

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 Amoco Production Company						
3. ADDRESS OF OPERATOR 501 Airport Dr., Farmington, NM 87401						
4. LOCATION OF WELL (Report location clearly and in accordance with appropriate requirements) At surface 830' FNL x 1780' FEL At top prod. interval reported below Same At total depth Same						
14. PERMIT NO. U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.						

5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 146
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Jicarilla Contract 146
9. WELL NO. 34
10. FIELD AND POOL, OR WILDCAT Otero Chacra
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/NE, Section 3, T25N, R5W
12. COUNTY OR PARISH Rio Arriba
13. STATE NM

15. DATE SPUDDED 10-9-82	16. DATE T.D. REACHED 10-17-82	17. DATE COMPL. (Ready to prod.) 12-3-82	18. ELEVATIONS (DF, RPB, RT, GR, ETC.)* 6587' KB	19. ELEV. CASINGHEAD 6574' GL
20. TOTAL DEPTH, MD & TVD 5460'	21. PLUG, BACK T.D., MD & TVD 5414'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY → 10 - TD	ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3786 - 3816' Chacra				25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, SP, DIL, CNL, CDL				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
8-5/8"	24# K-55	317'	12-1/4"	354 cu ft Class B, 2% CaCl ₂ , circ to surface
5-1/2"	15.5# K-55	5447'	7-7/8"	Stage 1-443 cu ft class B, 2% CaCl ₂ , circ to surface. Stage 2 - 1143 cu ft class B, 65:35 poz. Tailed in w/118 cu ft. circ to surface.

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					1-1/4"	3799'
						3900'

31. PERFORATION RECORD (Interval, size and number) 3786-3816' w/2 JSPF, a total of 60 .38" holes.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3786-3816' AMOUNT AND KIND OF MATERIAL USED 67000 gals. 20# gelled water w/2% CaCl ₂ , 1 gal. surfactant per 1000 gals. fluid & 96000# 10-20 mesh sand.
--	---

33. PRODUCTION							
DATE FIRST PRODUCTION 4-5-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 4-6-83	HOURS TESTED 3	CHOKE SIZE .75	PROD'N. FOR TEST PERIOD →	OIL—BBL. 102	GAS—MCF. 102	WATER—BBL.	GAS OIL RATIO
FLOW. TUBING PRESS. 59 psig	CASING PRESSURE 375 psig	CALCULATED 24-HOUR RATE →	OIL—BBL. 818	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.						TEST WITNESSED BY J. J. Barnett	
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 D.D. Lawson	TITLE Dist. Admin. Supvr.	DATE 5-25-83 JUN 01 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOC

FARMINGTON DISTRICT
BY *K. J. Barnett*

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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
S. Blanco PC	2920	2960	Sandstone			
Otero Chacra	3782	3850	Sandstone			
Gonzales- Mesaverde	4552	5284	Sandstone			