

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____						
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____				
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY											
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, N.M. 87401											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 790' FNL x 1580' FEL At top prod. interval reported below same At total depth same											
14. PERMIT NO. _____ DATE ISSUED _____											
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. 13E											
10. FIELD AND POOL, OR WILDCAT Basin Dakota											
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/NE, Section 9, T25N, R5W											
12. COUNTY OR PARISH Rio Arriba				13. STATE N.M.							
15. DATE SPUNDED 6-4-83		16. DATE T.D. REACHED 6-19-83		17. DATE COMPL. (Ready to prod.) 9-8-83		18. ELEVATIONS (OF, REB, RT, GR, ETC.)* 6717' KB		19. ELEV. CASINGHEAD 6404' GL			
20. TOTAL DEPTH, MD & TVD 7420'		21. PLUG, BACK T.D., MD & TVD 7360'		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7125'-7330' Basin Dakota			
25. WAS DIRECTIONAL SURVEY MADE Yes											
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, DIL, SP, CDL, CNL, Cal											
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	
9-5/8"		32.3# H-40		314'		12 1/2"		420 cu ft Class B w/ CaCl ₂			
7"		35# HC-95;		7417'		8-3/4"		1st: 732 cu ft Class B 50:50 POZ cement and			
		32# S95, N80,						tailed in w/148 cu ft Class B neat. 2nd:			
		and C90;						1675 cu ft Class B 65:35 POZ cement and			
29. (cont. on back) LINER RECORD tailed in w/118 cu ft								30. Class B TUBING RECORD neat cement.			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		PACKER SET (MD)	
										5400	
31. PERFORATION RECORD (Interval, size and number) 7125'-7172', 7268'-7290', 7308'-7330', 2 jspf, .5" in diameter for a total of 182 holes.								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
								(7125'-7330')		150,000 gals 20# gelled water w/2% KCl containing 1 gal sur- factant/1000 gals fluid and 150,000# 20-40 mesh sand	
33.* PRODUCTION											
DATE FIRST PRODUCTION 10-19-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) shut-in					
DATE OF TEST 10-20-83		HOURS TESTED 3 hrs.		CHOKE SIZE .75		PROD'N. FOR TEST PERIOD →		OIL—BBL. 242		GAS—MCF. 1936	
FLOW. TUBING PRESS. 154 psig		CASING PRESSURE none		CALCULATED 24-HOUR RATE →		OIL—BBL. 1936		GAS—MCF. 1936		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 District Administrative SIGNED _____ TITLE Supervisor								ACCEPTED FOR RECORD NOV 30 1983			

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

NMOC

BY Smm

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.)

(cont. from front)

29# P110 and HC-95; 26# C-90 and P110

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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Ojo Alamo	2322	2517	sand, shale		
Kirtland	2517	2879	sand, shale		
Pictured Cliffs	2879	2926	sand, shale		
Chacra	3782	3822	sand, shale		
Cliffhouse	4550	4604	sand, shale		
Menefee	4604	5128	sand, shale		
Point Lookout	5128	5450	sand, shale		
Gallup	6290	7040	sand, shale		
Basin Dakota	7125	7424	sand, shale		