

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*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 148	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401		8. FARM OR LEASE NAME Jicarilla Contract 148	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 940' FSL x 1020' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 22	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Otero Chacra	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW/4, SW/4, Section 13, T25N, R5W	
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
15. DATE SPUNDED 11-20-80		16. DATE T.D. REACHED 12-4-80	
17. DATE COMPL. (Ready to prod.) 4-17-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6918' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5651'	
21. PLUG, BACK T.D., MD & TVD 5135'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4055-4092 - Otero Chacra	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR; SP; CNL; FDC; BHC; DIL; Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		24#	
5 1/2"		17#	
DEPTH SET (MD)		HOLE SIZE	
306'		12 1/4"	
5651'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED	
315 SX			
1285 SX			
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)	
		SIZE	
		2 1/16"	
		DEPTH SET (MD)	
		4114'	
		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 4055-4092, with 2 spf, a total of 74, .38" holes.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4055-4092		60,000 gallons of foam and 105,000 pounds of 10-20 sand.	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		Shut-In	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			
DATE OF TEST 3-12-81		HOURS TESTED 3 Hrs.	
CHOKE SIZE .75"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. →		GAS—MCF. 69	
WATER—BBL. →		GAS-OIL RATIO →	
FLOW. TUBING PRESS. 34 PSIG		CASING PRESSURE 200 PSIG	
CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) →	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.		TEST WITNESSED BY	
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

TITLE Dist. Admin. Supvr.

DATE JUL 30 1981

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

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: "Seals Cemented": 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.)

27. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DEVI-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CEMENT USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	RS.	GEOLOGIC MARKERS		
					NAME	MEAN. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2630	2845					
Kirtland	2845	2985					
Fruitland	2985	3170					
Pictured Cliff	3170	3202					
Chacra	4055	4092					
Cliffhouse	4835	4860					
Nenefee	4860	5370					
Point Lookout	5370	5554					