

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 ☐	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 any State requirements). At surface 1660' FNL x 1095' FWL At top prod. interval reported below Same At total depth Same							
14. PERMIT NO. DATE ISSUED 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. 31							
10. FIELD AND POOL, OR WILDCAT Otero Chacra							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW/4, NW/4, Section 10, T25N, R5W							
12. COUNTY OR PARISH Rio Arriba				13. STATE New Mexico			
15. DATE SPUDDED 9-24-80		16. DATE T.D. REACHED 10-3-80		17. DATE COMPL. (Ready to prod.) 10-21-81		18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6717' G.L.	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5469'		21. PLUG, BACK T.D., MD & TVD 5444'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0 - TD		CABLE TOOLS		25. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3857'-3880', Otero Chacra							
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, GR, SP, Compensated Density; Compensated Neutron							
27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		309'		12-1/4"	
5-1/2"		15.5#		5469'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/4"		3893'		3980'			
31. PERFORATION RECORD (Interval, size and number) 3857'-3880', with 2 SPF, a total of 46 .40" holes.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3857'-3880'				60,000 gallons of frac fluid and 93,000 pounds of 10-20 sand.			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or Shut-In) Shut-In	
DATE OF TEST 12-17-81		HOURS TESTED 3 hours		CHOKE SIZE .75"		PROD'N. FOR TEST PERIOD →	
OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
		97					
FLOW. TUBING PRESS. 53 PSIG		CASING PRESSURE 508 PSIG		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.)	
				776			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.							
TEST WITNESSED BY							
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. Admin. Supvr.

DATE

FARMINGTON DISTRICT

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

BY

NMOCC

JAN 20 1982

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 DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2390	2572				
Kirtland	2572	2800				
Fruitland	2800	2960				
Pictured Cliffs	2960	3000				
Chacra	3857	3892				
Cliffhouse	4646	4666				
Menefee	4666	5176				
Point Lookout	5176	5407				