

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 _____				5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract											
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, New Mexico 87401				8. FARM OR LEASE NAME Jicarilla Contract 155											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1840' FNL x 1520' FEL At top prod. interval reported below same At total depth same				9. WELL NO. 16E											
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Rio Arriba		13. STATE NM							
15. DATE SPUDDED 8/27/80		16. DATE T.D. REACHED 9/16/80		17. DATE COMPL. (Ready to prod.) 1/31/81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5580'		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 7561'		21. PLUG BACK LOG, MD & TVD 7514'		22. IS MULTIPLE COMPL. HOW MANY? 2		23. ROTARY TOOTH 0-TD		24. WAS DIRECTIONAL SURVEY MADE No							
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4016'-4032'; Otero Chacra				26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; GR; SP; BHC Sonic; Comp Neutron and Density; Mud Logs				27. WAS WELL CORED Yes							
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#		294'		12-1/4"		240 SX							
7"		23.0#		7561'		8-3/4"		1210 SX							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2-1/16"		4046'		7205	
31. PERFORATION RECORD (Interval, size and number) 4016'-4032' with 2 SPF, a total of 32, 38" holes										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED									
4016'-4032'						30,000 gals of frac fluid and 180,090# of 20-40 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 3/2/81		HOURS TESTED 3 hrs.		CHOKE SIZE .75"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 126		GAS—MCF. 1005		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS. 72		CASING PRESSURE 246		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF. 1005		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS										MAR 20 1981		FOR RECORD			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										APR 2 1981		DATE 3/27/81		BY RB	
Original Signed By SIGNED E. E. SVOGDA										TITLE Dist. Adm. Supvr.					

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

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2420	2632			
Kirtland	2632	2843			
Fruitland	2843	3024			
Pictured Cliffs	3024	3107			
Chacra	3922	4035			
Cliffhouse	4725	4750			
Point Lookout	5209	5427			
Gallup	6320	6950			
Graneros Dknt	7238	7374			
Main Dknt	7374	7458			