

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R335.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078903A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company				7. UNIT AGREEMENT NAME Gallegos Canyon Unit	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1760' FNL x 960' FWL At top prod. interval reported below Same At total depth Same				9. WELL NO. 166E	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 9-23-80				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SW/4, NW/4, Section 34, T28N, R12W	
16. DATE T.D. REACHED 10-1-80				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) ** 10/26/81				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5801' G.L. 5814' K3				19. ELEV. CASINGHEAD 5801' CL	
20. TOTAL DEPTH, MD & TVD 6213'		21. PLUG BACK T.D., MD & TVD 6180'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY → 10' ED				24. WAS DIRECTIONAL SURVEY MADE No	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6090'-6110', 6126'-6138', 6142'-6146' - Dakota				26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-CNL-CDL-GR-SP	
27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		306' K3	
4-1/2"		10.5#		6202' K3	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		315 SX			
7-7/8"		1430 SX See Attached			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		6131'			
31. PERFORATION RECORD (Interval, size and number) 6090'-6110', 6126'-6138', 6142'-6146', with 2 spf, a total of 72 .38" holes.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
6090'-6146'		97,000 gallons of frac fluid and 263,000 pounds of 20-40 sand.			
33. PRODUCTION					
DATE FIRST PRODUCTION ** 12/3/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 12-3-81		HOURS TESTED 3 hours		CHOKE SIZE .75"	
FLOW. TUBING PRESS. 108 psig		CASING PRESSURE 576 psig		CALCULATED 24-HOUR RATE →	
OIL—BBL. —		GAS—MCF. 174		WATER—BBL. —	
OIL GRAVITY-API (CORR.) N/A		GAS GRAVITY-API (CORR.) N/A		WATER GRAVITY-API (CORR.) N/A	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.					
35. LIST OF ATTACHMENTS					

33. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____

TITLE Dist. Admin. Supvr.

ACCEPTED FOR RECORD
DATE _____

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

** Date will be reported when the well is first delivered into the gas sales line.

NMOCC

MAR 02 1982
FARMINGTON DISTRICT
[Signature]

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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
Gallup	5104'	5464'	Ojo Alamo		
Mancos Shale	5464'	5897'	Kirtland		
Greenhorn	5897'	5977'	Fruitland		
Graneros Shale	5977'	6033'	Pictured Cliffs		
Graneros Dakota	6033'	6082'	Lewis Shale		
Main Dakota	6082'	6089'	Cliff House		
			Menefee		
			Point Lookout		
			Not on Logs		
			Not on Logs		
			Not on Logs		
			Not on Logs		
			Not on Logs		
			Not on Logs		
			Not on Logs		

Cement Program

8 5/8" casing → 315 sx class "B" neat cement, 2% CaCl₂. C.T. Surface

4 1/2" casing → 1st 400 sx class "B" neat cement, 50:50 POZ, 6% gel, 2# med. cut
plug /sx, .8% fluid loss add., 100 sx class "B" neat cement

2nd 830 sx class "B" neat cement, 65:35 POZ, 6% gel, 2# med. cut
plug /sx, .8% fluid loss add., 100 sx class "B" neat cement

C.T. Surface

