

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-10000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐				5. LEASE DESIGNATION AND SERIAL NO. SF-078905			
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, New Mexico 87401				8. FARM OR LEASE NAME			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1850' FSL x 980' FWL At top prod. interval reported below Same At total depth Same				9. WELL NO. 159E			
10. FIELD AND POOL, OR WILDCAT Basin Dakota				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/SW, Sec. 31, T28N-R12W			
12. COUNTY OR PARISH San Juan		13. STATE New Mexico		14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 12-4-83	16. DATE T.D. REACHED 12-14-83	17. DATE COMPL. (Ready to prod.) 1-16-84	18. ELEVATIONS (DF, RSE, RT, GR, ETC.)* 5741' KB	19. ELEV. CASINGHEAD 5728' GR			
20. TOTAL DEPTH, MD & TVD 6092'	21. PLUG, BACK T.D., MD & TVD 6050'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-TD	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP BOTTOM, NAME (MD AND TVD)* 5919'-6012' Basin Dakota					25. WAS DIRECTIONAL SURVEY MADE Yes		
26. TYPE ELECTRIC AND OTHER LOGS RUN SP-GR-DIL-FDC-CNL					27. WAS WELL CURED No		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8.625"	24#, J-55	324'	12-1/4"	354 cu.ft. Class B w/2% CaCl ₂ .			
4.5"	10.5#, K-55	6092'	7.875"	(1st) 524 cu.ft. 50:50 POZ Class B tailed in with 118 cu.ft. Class B Neat. (2nd) Cemented 1773 cu.ft. POZZOLANIC 65/35 POZ tailed in v			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375"	5984'	Neat
31. PERFORATION RECORD (Interval, size and number) 5919'-5924', 5970'-6012', 2 jspf., .38" in diameter, total of 94 holes.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 5919'-6012' 91,000 gal. 75 quality foam cont. 20# gelled water, 2% KCL, 1 gal. surfactant/1000 gal. fluid 3120 SCF N2 per BF, and 175,000# 20-40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 1-30-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 1-31-84	HOURS TESTED 3 hrs.	CHOKZ SIZE .75	PROD'N. FOR TEST PERIOD →	OIL—BBL. 136	GAS—MCF. 1087	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 82 psig	CASING PRESSURE 405 psig	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORE.)	
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.

SIGNED Original Signed By TITLE Dist. Adm. Supervisor DATE February 14, 1984

(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 38, 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), see note 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRU VERT. DEPTH
Dakota	5917'	Not drilled				
Gallup	4940'	5600'				
Mesaverde	3182'	4220'				
Pictured Cliffs	2950'	2972'				
Kirtland/Fruitland	2850'	2950'				
Ojo Alamo	380	492'				