

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. 37-078768																									
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 Rosa 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 1585' FSL & 1575' FWL At top prod. interval reported below At total depth				9. WELL NO. 54																									
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota																									
15. DATE SPUDDED 8-20-73		16. DATE T.D. REACHED 7-25-74		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE/4 SW/4 Section 36, T-31-N, R-5-W																									
17. DATE COMPL. (Ready to prod.) 9-26-74		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6800' CL., 6813' RDS		12. COUNTY OR PARISH Rio Arriba																									
19. ELEV. CASINGHEAD 6800'		13. STATE New Mexico		20. TOTAL DEPTH, MD & TVD 8350'																									
21. PLUG BACK T.D., MD & TVD 8460'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-TD																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8328-8435' Dakota				25. WAS DIRECTIONAL SURVEY MADE No																									
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, Gamma Ray				27. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																													
<table border="1" style="width:100%"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>10-3/4"</td><td>32.75#</td><td>311'</td><td>15"</td><td>300 sz</td><td></td></tr><tr><td>7-5/8"</td><td>26.4#</td><td>4035'</td><td>9-7/8"</td><td>800 sz</td><td></td></tr><tr><td>4-1/2"</td><td>10.5#</td><td>8350'</td><td>6-3/4"</td><td>600 sz</td><td></td></tr></tbody></table>						CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	10-3/4"	32.75#	311'	15"	300 sz		7-5/8"	26.4#	4035'	9-7/8"	800 sz		4-1/2"	10.5#	8350'	6-3/4"	600 sz	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																								
10-3/4"	32.75#	311'	15"	300 sz																									
7-5/8"	26.4#	4035'	9-7/8"	800 sz																									
4-1/2"	10.5#	8350'	6-3/4"	600 sz																									
29. LINER RECORD																													
<table border="1" style="width:100%"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																									
30. TUBING RECORD																													
<table border="1" style="width:100%"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-3/8"</td><td>825'</td><td>8257'</td></tr></tbody></table>						SIZE	DEPTH SET (MD)	PACKER SET (MD)	2-3/8"	825'	8257'																		
SIZE	DEPTH SET (MD)	PACKER SET (MD)																											
2-3/8"	825'	8257'																											
31. PERFORATION RECORD (Interval, size and number)																													
<table border="1" style="width:100%"><tbody><tr><td>8328-8338'</td><td rowspan="4">1 SPF</td><td rowspan="4">RECEIVED NOV 27 1974</td></tr><tr><td>8368-8384'</td></tr><tr><td>8390-8398'</td></tr><tr><td>8417-8435'</td></tr></tbody></table>						8328-8338'	1 SPF	RECEIVED NOV 27 1974	8368-8384'	8390-8398'	8417-8435'																		
8328-8338'	1 SPF	RECEIVED NOV 27 1974																											
8368-8384'																													
8390-8398'																													
8417-8435'																													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																													
<table border="1" style="width:100%"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>8328-8435'</td><td>Acid 2000 gal. 15% HCl</td></tr><tr><td>8328-8435'</td><td>Emulsifrac x 263,886 gals. fluid</td></tr><tr><td></td><td>66-2/3% condensate & 33-1/3% water & 491,400 lbs. sand</td></tr></tbody></table>						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	8328-8435'	Acid 2000 gal. 15% HCl	8328-8435'	Emulsifrac x 263,886 gals. fluid		66-2/3% condensate & 33-1/3% water & 491,400 lbs. sand																
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																												
8328-8435'	Acid 2000 gal. 15% HCl																												
8328-8435'	Emulsifrac x 263,886 gals. fluid																												
	66-2/3% condensate & 33-1/3% water & 491,400 lbs. sand																												
33.* PRODUCTION																													
<table border="1" style="width:100%"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or Shut-in)</th></tr></thead><tbody><tr><td>9-11-74</td><td>Flowing</td><td>Shut In</td></tr></tbody></table>						DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-in)	9-11-74	Flowing	Shut In																		
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-in)																											
9-11-74	Flowing	Shut In																											
<table border="1" style="width:100%"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>9-26-74</td><td>3 hrs.</td><td>34"</td><td>0</td><td>84</td><td>1</td><td></td></tr></tbody></table>						DATE OF TEST	HOURS TESTED	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	9-26-74	3 hrs.	34"	0	84	1											
DATE OF TEST	HOURS TESTED	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																							
9-26-74	3 hrs.	34"	0	84	1																								
<table border="1" style="width:100%"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>NOV 28 1974</th></tr></thead><tbody><tr><td>95</td><td>1670 SI</td><td>34"</td><td></td><td>304</td><td>8</td><td></td></tr></tbody></table>						FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	NOV 28 1974	95	1670 SI	34"		304	8											
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	NOV 28 1974																							
95	1670 SI	34"		304	8																								
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to Northwest Pipeline Corporation Not Contracted Yet																													
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 <u>B. Hamilton</u> TITLE <u>Area Adm. Supvr.</u> DATE <u>November 22, 1974</u>																													

*(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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	8284	8460	Natural gas bearing			
Cramer	8151	8284				
Greenhorn	8096	8151				
Gallup	7530	7668				
Mameos	6192	7530				
Point Lookout	6100	6192				
Mameos	5935	6100				
Cliffhouse	5900	5935				
Lewis	3430	5900				
Pictured Cliffs	3608	3630				
Fruitland	3340	3600				
Kirtland	3150	3540				
Ojo Alamo	2940	3150				