

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other <u>SWD</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>SE-078998</u>	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>SWD</u>		6. INDIAN, ALLOTTEE OR TRIBE NAME <u>San Juan 32-7 Unit</u>	
2. NAME OF OPERATOR <u>Phillips Petroleum Company</u>		7. UNIT AGREEMENT NAME <u>San Juan 32-7 Unit</u>	
3. ADDRESS OF OPERATOR <u>5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412</u>		8. FARM OR LEASE NAME <u>30-045-28549</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>Unit M, 735' FSL & 761' FWL</u> At top prod. interval reported below <u>Same as above</u> At total depth <u>Same as above</u>		9. WELL NO. <u>301 SWD</u>	
14. PERMIT NO. <u>30-045-28347</u>		10. FIELD AND POOL, OR WILDCAT <u>Undesig. Morrison Entrada</u>	
15. DATE SPUDDED <u>7-11-91</u>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec. 34, T32N, R7W</u>	
16. DATE T.D. REACHED <u>10-19-91</u>		12. COUNTY OR PARISH <u>San Juan</u>	
17. DATE COMPL. (Ready to prod.) <u>Perf'd 10-23-91</u>		13. STATE <u>NM</u>	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>6750' GL</u>		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD <u>9498'</u>		21. PLUG, BACK T.D., MD & TVD <u>9450'</u>	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <u>X</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Entrada 9246'-9290'; Bluff 8062'-9076'; Morrison 8600'-8824'</u>		25. WAS DIRECTIONAL SURVEY MADE <u>NO</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>GR/CCL/CBL</u>		27. WAS WELL CORED <u>NO</u>	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
20"	94", K-55	441'	26"
13-3/8"	68#&72#, N-80	3849'	17-1/2"
7"	26#, N-80&S-95	9498'	8-3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
9-5/8"	6960'		1554 Sx 50/50 Poz,
40#, S-95	3662'		200 Sx C1 B 1754
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
3-1/2"	8510'		
9.3#, N-80			
31. PERFORATION RECORD (Interval, size and number)			
Perf'd Entrada 2/spf 9246'-9290'; 89 Holes Perf'd Bluff 8062'-9076'; 115 Holes Perf'd Morrison 1/spf; 8600'-8824'; 80 Holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
		SEE ATTACHMENT	
33. PRODUCTION			
DATE FIRST PRODUCTION <u>SI</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>N/A</u>	
DATE OF TEST <u>105</u>		WELL STATUS (Producing or shut-in) <u>SI</u>	
HOURS TESTED <u>0</u>	CHOKE SIZE <u>0</u>	PROD'N. FOR 24-HOUR RATE <u>0</u>	WATER—BBL. <u>0</u>
FLOW, TUBING PRESS. <u>105</u>	CASING PRESSURE <u>0</u>	CALCULATED 24-HOUR RATE <u>0</u>	GAS—MCF. <u>0</u>
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from reliable records			
SIGNED <u>R. A. Alired</u>		TITLE <u>Drilling Supervisor</u>	
		DATE <u>11-8-91</u>	

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

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, flowing and shut-in pressures, and recoveries);					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	

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NO 100 10

SAN JUAN 32-7 UNIT #301 SWD

10-8-91 thru 10-26-91

MI & RU Drake #26. NU BOP. Drill out to PBD of 9450'. Spot 10% Acetic acid. Run GR/CCL/CBL & perforate Entrada interval 9246'-9290' w/2 jspf, 89 holes. Break down Entrada perfs w/7-1/2% HCL. Howco fraced Entrada interval @ 70 bpm w/158,000 gals. gel. Pumped 288,000# of 20/40 sand. Ramped to 12 ppg. Avg treating pressure 2400 psi. Max. pressure 3300 psi. ISIP 2275 psi. Flow back for force closure. Set CIBP @ 9150'. Perforate Bluff interval 8062'-9076', 115 shots. Break down perfs w/7-1/2% HCL. Howco fraced Bluff interval w/200,000 gals gel @ 70 bpm. Pumped 460,000# 20/40 sand. Ramped to 12 ppg. Avg treating pressure 2000 psi. Max. pressure 2675 psi. ISIP 1760 psi. Flowed back for force closure. Set CIBP @ 8900'. Perforate Morrison interval 8600'-8824', 80 shots. Break down perfs w/7-1/2% HCL. Howco frac'd Morrison interval w/153,000 gals. gel @ 74 bpm. Pumped 350,000# 20/40 sand. Ramped to 12 ppg. Avg treating pressure 2800 psi. Max treating pressure 3350 psi. Flowed back for force closure. Drill out CIBP. Clean out to TD. COOH & lay down workstring. RU Howco & HLS. Run spinner survey and injection step rate test .5 bpm @ 126 psi to 12 bpm @ 1047 psi, ISIP 900 psi. Reperforate Morrison & Bluff interval 8600'-9076' w/440 additional holes. Set Model F-1 permanent packer and tail pipe assembly @ 8510'. Pressure test 2000 psi. Run seal assembly on 282 jts 3-1/2", 9.3 ppf, N-80, EUE, Internally plastic coated tbg. Circ. hole w/pkr fluid. Tested tbg-csg annulus. Test tbg & tree. All test okay. Retrieve plug from tail assembly. Job complete 10-26-91.