

Form 3160-4
(October 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078460																			
1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____																			
2. NAME OF OPERATOR Phillips Petroleum Company				7. UNIT AGREEMENT NAME San Juan 32-7 Unit																			
3. ADDRESS AND TELEPHONE NO. 5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454				8. FARM OR LEASE NAME, WELL NO. 233																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit L, 1691' FSL & 977' FWL At top prod. interval reported below Same as above At total depth Same as above				9. API WELL NO. 30-045-28777																			
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal																			
15. DATE SPUDDED 11-9-92				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T-32-N, R-7-W																			
16. DATE T.D. REACHED 11-16-92				12. COUNTY OR PARISH San Juan																			
17. DATE COMPL. (Ready to prod.) 11-19-92				13. STATE N.M.																			
18. ELEVATIONS (DP, RKB, RT, OR, ETC.)* 6291' (GL)				19. ELEV. CASINGHEAD _____																			
20. TOTAL DEPTH, MD & TVD 2968'		21. PLUG, BACK T.D., MD & TVD 2968'		22. IF MULTIPLE COMPL., HOW MANY* _____																			
23. INTERVALS DRILLED BY _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Coal Intervals 2869'-2955' Fruitland Coal																			
25. ROTARY TOOLS _____				26. WAS DIRECTIONAL SURVEY MADE NO																			
27. CABLE TOOLS _____				28. TYPE ELECTRIC AND OTHER LOGS RUN Mud Log																			
29. WAS WELL CORRED NO				30. CASING RECORD (Report all strings set in well)																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE/GRADE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>TOP OF CEMENT, CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>9-5/8"</td> <td>36# J-55</td> <td>287' KB</td> <td>12-1/4"</td> <td>200 sx C1 G, Circ 12 bbls</td> <td></td> </tr> <tr> <td>7"</td> <td>23# J-55</td> <td>2830'</td> <td>8-3/4"</td> <td>425 Sx 65/35 Poz, 150 sx C1 G, Circ 40 bbls</td> <td></td> </tr> </tbody> </table>						CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	9-5/8"	36# J-55	287' KB	12-1/4"	200 sx C1 G, Circ 12 bbls		7"	23# J-55	2830'	8-3/4"	425 Sx 65/35 Poz, 150 sx C1 G, Circ 40 bbls	
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED																		
9-5/8"	36# J-55	287' KB	12-1/4"	200 sx C1 G, Circ 12 bbls																			
7"	23# J-55	2830'	8-3/4"	425 Sx 65/35 Poz, 150 sx C1 G, Circ 40 bbls																			
31. LINER RECORD																							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																			
5-1/2"	2697'	2915'																					
32. TUBING RECORD																							
SIZE	DEPTH SET (MD)	PACKER SET (MD)																					
2-3/8"	2933'	None																					
33. PERFORATION RECORD (Interval, size and number)																							
Cased Hole Intervals 2864-94'																							
Open Hole Intervals 2936-54'																							
34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																							
DEPTH INTERVAL (MD) _____ AMOUNT AND KIND OF MATERIAL USED _____																							
35. PRODUCTION																							
DATE FIRST PRODUCTION SI																							
PRODUCTION METHOD (Flowing, gas lift, pumping—also and type of pump) Flowing																							
DATE OF TEST 11-18-92																							
HOURS TESTED 1																							
CHOKER SIZE 2"																							
PROD'N. FOR TEST PERIOD _____																							
OIL—BBL. _____																							
GAS—MCF. _____																							
WATER—BBL. _____																							
GAS-OIL RATIO _____																							
FLOW. TUBING PRESS. SI 0																							
CASING PRESSURE SI 1260																							
CALCULATED 24-HOUR RATE _____																							
OIL—BBL. _____																							
GAS—MCF. 984																							
OIL GRAVITY-API (CORR.) 480																							
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on Connection																							
37. TEST WITNESSED BY Jimmy Wilson																							
38. LIST OF ATTACHMENTS																							
39. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.																							
SIGNED <u>Ed Hasely</u> Ed Hasely TITLE Environmental Engineer DATE 1-20-94																							

ACCEPTED FOR RECORD

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1980'	2130'	Sandstone			
Kirtland	2130'	2665'	Sandstone & Shale			
Fruitland	2665'	2869'	Sandstone & Shale & Coal			
Fruitland Coal	2869'	2955'	Shale & Coal			