

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
(See other instructions on reverse side)OMB NO. 1004-0137
Expires: February 28, 1995

d57

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC 029426 - B																			
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other ☐ <u>Oct 7 12 52 PM '93</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Artesia, NM 06210																			
3. NAME OF OPERATOR SOCORRO PETROLEUM COMPANY.		7. UNIT AGREEMENT NAME																			
4. ADDRESS AND TELEPHONE NO. P.O. BOX 37, LOCO HILLS, NM 88255		8. FARM OR LEASE NAME, WELL NO. H.E. WEST "B" #49																			
9. LOCATION OF WELL (Report location clearly and in accordance with BLM Well Completion Form) At surface 1305' FSL & 1305' FWL At top prod. interval reported below At total depth		9. API WELL NO. 30-015-26791																			
10. FIELD AND POOL, OR WILDCAT GRAYBURG - JACKSON POOL		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 3, T17, R31E																			
12. PERMIT NO. CARLSBAD, NEW MEXICO		12. COUNTY OR PARISH EDDY																			
13. DATE SPUDDED 4-5-93		13. STATE NM																			
14. DATE T.D. REACHED 4-13-93		14. ELEVATIONS (OF, RKB, RT, OR, ETC.) KB 3948'																			
15. DATE COMPL. (Ready to prod.) 8-29-93		15. ELEV. CASINGHEAD GL 3938'																			
16. TOTAL DEPTH, MD & TVD 4350'		16. IF MULTIPLE COMPL., HOW MANY?																			
17. PLUG BACK T.D., MD & TVD 4276'		17. INTERVALS DRILLED BY ROTARY TOOLS SURFACE-TD																			
18. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3532' - 3314' (50 HOLES) GRAYBURG		18. WAS DIRECTIONAL SURVEY MADE YES																			
19. TYPE ELECTRIC AND OTHER LOGS RUN CNL LDT, DSON, DLL MSFL, QUICKLOOK & NGT		19. WAS WELL CORRED NO																			
20. CARING RECORD (Report all strings set in well)																					
<table border="1"><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>8 - 5/8" J-55</td><td>24#</td><td>618'</td><td>11"</td><td>300SX - CIRC 50 SX TO PIT</td><td></td></tr><tr><td>5 - 1/2" J-55</td><td>17#</td><td>4350'</td><td>7 - 7/8"</td><td>1300SX - CIRC 141 SX TO PIT</td><td></td></tr></tbody></table>				CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	8 - 5/8" J-55	24#	618'	11"	300SX - CIRC 50 SX TO PIT		5 - 1/2" J-55	17#	4350'	7 - 7/8"	1300SX - CIRC 141 SX TO PIT	
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED																
8 - 5/8" J-55	24#	618'	11"	300SX - CIRC 50 SX TO PIT																	
5 - 1/2" J-55	17#	4350'	7 - 7/8"	1300SX - CIRC 141 SX TO PIT																	
21. LINER RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>BACKS 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)	BACKS CEMENT*	SCREEN (MD)													
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)																	
22. TUBING RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 - 7/8"</td><td>3962'</td><td></td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 - 7/8"	3962'													
SIZE	DEPTH SET (MD)	PACKER SET (MD)																			
2 - 7/8"	3962'																				
23. PREPARATION RECORD (Interval, size and number)																					
<table border="1"><thead><tr><th>INTERVAL</th><th>SIZE</th><th>NUMBER</th></tr></thead><tbody><tr><td>3532' - 3454'</td><td>30 HOLES</td><td></td></tr><tr><td>3417' - 3396'</td><td>12 HOLES</td><td></td></tr><tr><td>3367' - 3361'</td><td>4 HOLES</td><td></td></tr><tr><td>3318' - 3314'</td><td>4 HOLES</td><td></td></tr></tbody></table>				INTERVAL	SIZE	NUMBER	3532' - 3454'	30 HOLES		3417' - 3396'	12 HOLES		3367' - 3361'	4 HOLES		3318' - 3314'	4 HOLES				
INTERVAL	SIZE	NUMBER																			
3532' - 3454'	30 HOLES																				
3417' - 3396'	12 HOLES																				
3367' - 3361'	4 HOLES																				
3318' - 3314'	4 HOLES																				
24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
<table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td colspan="2">See Sundry Notice dated 10/6/93</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	See Sundry Notice dated 10/6/93															
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																				
See Sundry Notice dated 10/6/93																					
25. PRODUCTION																					
<table border="1"><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>8/30/93</td><td>PUMPING</td><td>PRODUCING</td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-In)	8/30/93	PUMPING	PRODUCING												
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-In)																			
8/30/93	PUMPING	PRODUCING																			
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKER SIZE</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>8/31/93</td><td>15HRS</td><td></td><td></td><td>10</td><td>7.5</td><td>200</td><td>750</td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	8/31/93	15HRS			10	7.5	200	750		
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO														
8/31/93	15HRS			10	7.5	200	750														
<table border="1"><thead><tr><th>FLOW, TUBING PRESSURE</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (COSE.)</th></tr></thead><tbody><tr><td></td><td>20#</td><td></td><td>16</td><td>12.0</td><td>320</td><td>38.2</td></tr></tbody></table>				FLOW, TUBING PRESSURE	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (COSE.)		20#		16	12.0	320	38.2				
FLOW, TUBING PRESSURE	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (COSE.)															
	20#		16	12.0	320	38.2															
26. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																					
TEST WITNESSED BY																					
27. LIST OF ATTACHMENTS																					
DEVIATION SURVEY AND LOGS																					
28. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED <u>[Signature]</u> TITLE <u>PRODUCTION MANAGER</u> DATE <u>6 OCT 93</u>																					

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

7. 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.	18. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
YATES	1884'	2196'				
VEN RIVERS	2197'	2309'				
QU.	2810'	3229'				
AYBURG	3230'	3536'				
AN ANDRES	3537'					