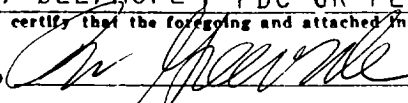


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Commission
SUBMIT IN DUPLICATE
DATE
Drawn DD
other in
Bureau of Land Management

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. NM 27634 | |
| b. 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. RESERV <input type="checkbox"/> Other _____ | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR PECOS RIVER OPERATING, INC. | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS AND TELEPHONE NO. P. O. Box 1675, ROSWELL, NM 88202 | | 8. FARM OR LEASE NAME, WELL NO. HANAGAN FEDERAL #5 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL, 1980' FWL At top prod. interval reported below SAME At total depth SAME | | 9. API WELL NO. 30-005-62996 | |
| 14. PERMIT NO. | | 10. FIELD AND POOL, OR WILDCAT PECOS SLOPE ABO | |
| DATE ISSUED | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 14, T7S, R26E | |
| 15. DATE SPUDDED 11/8/93 | | 12. COUNTY OR PARISH CHAVES | |
| 16. DATE T.D. REACHED 11/18/93 | | 13. STATE NM | |
| 17. DATE COMPL. (Ready to prod.) 12-29-93 | | 18. ELEVATION (OF. RKR. RT. OR, ETC.)* 3771.9 GR | |
| 19. ELEV. CASINGHEAD | | 20. TOTAL DEPTH, MD & TVD 4800' | |
| 21. PLUG, BACK T.D., MD & TVD 4760 | | 22. IF MULTIPLE COMPL., HOW MANY* | |
| 23. INTERVALS DRILLED BY 10-ID | | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4490' - 4510' | |
| 25. TYPE ELECTRIC AND OTHER LOGS RUN CNLD, DLL/ MSFL, PDC GR PERF RECORD, MOVED OIL CYBERLOOK | | 26. WAS WELL CORRED No | |
| 27. CASING RECORD (Report all strings set in well) | | | |
| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE |
| 8 5/8" | 24# | 912' | 12 1/4" |
| 4 1/2" | 10.5# | 4800' | 7 7/8" |
| TOP OF CEMENT, CEMENTING RECORD | | AMOUNT PULLED | |
| SUREACE 625 SXS | | | |
| 3700' 360 SXS | | | |
| 28. LINER RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* |
| | | | |
| 29. TUBING RECORD | | | |
| SIZE | DEPTH SET (MD) | PACKER SET (MD) | |
| 2 3/8 | 4491' | NA | |
| 30. PERFORATION RECORD (Interval, size and number) | | | |
| 4490'-4510' 2 SPF | | | |
| 31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | |
| DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
| 4490'-4510' | | 10% NEFFW/IRON SEQ SURE INH | |
| | | 1,500 GALS | |
| | | 78,000 GAL GEL, 140,000# SAND | |
| 32. PRODUCTION | | | |
| DATE FIRST PRODUCTION 12/29/93 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING | |
| WELL STATUS (Producing or shut-in) PRODUCING | | | |
| DATE OF TEST 12/30/93 | HOURS TESTED 24 | CHOKED SIZE OPEN | PROD'N. FOR TEST PERIOD → |
| FLOW, TUBING PRESS. 100 | CASING PRESSURE 160 | CALCULATED 24-HOUR RATE → | OIL—BBL. 0 |
| | | | GAS—MCF. 65 |
| | | | WATER—BBL. 1 |
| | | | OIL GRAVITY-API (CORR.) N/A |
| 33. DISPOSITION OF GAS (Hold, used for fuel, vented, etc.) SOLD | | | |
| 34. TEST WITNESSED BY IRON LEJUENE | | | |
| 35. LIST OF ATTACHMENTS CNLD, DLL/MSFL, PDC GR PERF RECORD, MOVED OIL CYBERLOOK, DEV SURVEY | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | |
| SIGNED  | | TITLE AGENT | |
| DATE 12/30/93 | | | |

*(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.

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. | NAME | TOP | |
|---------------------------------------|----------------------------------|-------------------------------------|---|---------------------------------------|-----------------------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| SAN ANDRES GLORIETA TUBB ABO | 0 865 2049 3493 4214 | 865 2049 3493 4214 4800 | REDBEDS ANHYDRITE, LIMESTONE, DOLOMITE SAND, ANHYDRITE, RED SHALE, DOLO GREEN & RED SHALE, RED SAND GREEN & RED SHALE, RED SAND | SAN ANDRES GLORIETA TUBB ABO | 865 2049 3493 4214 | |

38. GEOLOGIC MARKERS