

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 <input type="checkbox"/>		7. UNIT AGREEMENT NAME Stewart LS 6M																									
B. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEP. <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER EN BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. 3004529380																									
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY 3. ADDRESS AND TELEPHONE NO. P.O. BOX 800, DENVER, COLORADO 80015 (303) 830-5217		ATTENTION: Pat Archuleta																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) At surface 800' FSL & 1165' FEL At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT Basin Dakota 11. SEC., T., R., M. OR BLOCK, AND SURVEY OR AREA Section 28 Township 30N Range 10W																									
14. PERMIT NO.		DATE ISSUED																									
15. DATE SPUDDED 8/8/96		16. DATE T.D. REACHED 9/13/96																									
17. DATE COMPL. (Ready to prod.) 10/29/96		18. ELEVATIONS (DF, RKB, RT, GR., ETC.) 6165' GR																									
20. TOTAL DEPTH, MD & TVD 7369'		21. PLUG, BACK T.D., MD & TVD 7318'																									
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Basin Dakota 7179' - 7323' 7038-7323'		25. WAS DIRECTIONAL SURVEY MADE No																									
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL CBL		27. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																											
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31. PERFORATION RECORD (Interval, size and number) See attachment																											
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34. DISPOSITION OF GAS (sold, used for fuel, rented, etc.) TO BE SOLD																											
35. LIST OF ATTACHMENTS																											
PERF AND FRAC SHEET																											
36. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT																											
SIGNED <u>Pat Archuleta</u> TITLE <u>Staff Assistant</u> DATE <u>11/7/96</u>																											

Stewart LS 6M

3004529380

Attachment to Completion Report

MIRUSU 9/23/96. Pressure tested casing to 4000 psi, held ok. Run Dual Spaced Neutron log from 2490-7332' and CBL from 1575-7304'. Estimated TOC at 2300'. Tag cement at 7332' and drill out float collar at 7334' to 37' and cement to 7371', circulate hole clean. Pressure test to 1000 psi, held ok. Pressure test frac valve and casing to 2000 psi, held ok. RDMOSU 9/24/96.

Pressure test casing and frac valve to 3000 psi, held ok. Run Dual Spaced Neutron log from 6875-7332'. Limited entry perforations at: 7179', 7182', 7197', 7222', 7255', 7284', 7299', 7305', 7323' with 1 JSPF, 9 total shots, .340" diameter, 3.125" gun, 120 deg phasing, 12.5 gms. Displaced from 7179-7323' with 12 bbls filtered fresh water at 4.5 bpm. Pumped 4 bbls and SD with ISIP of 2230psi. Pumped 122 bbls filtered fresh water with 7/8" ball sealers and balled off to 4138 psi. Frac well from 7179-7323' with 3,094 lbs 20/40 Brady sand, and 131,346 scf nitrogen, 70% quality, max pressure 4100 psi. Well pressured-out, shut down frac. Tagged up at 7181'. Flow back well 1/2" choke to 2" choke. Tagged up at 7342' w/ bailer and cleanout 1' sand to hard bottom.

Acidized well with 12 bbls of 15% FE HCL acid and displaced with 99 bbls of filtered fresh water to top of perms. Flushed with 25 bbls of filtered fresh water @ 6.8 bpm. SIP= 2132 psi in 25 min = 784 psi. Flow back 152 bbls and well died.

RU wireline set CIBP @ 7160 ft. over lower DK perms. Pressure tested CIBP to 2000 psi, held ok. Perforated at 7038', 7046', 7058', 7098', 7121', 7127', 7135', 7145', 7153' with 1 JSPF, 9 total shots, .340" diameter, 3.125" gun, 120 deg. phasing, 12.5 grms. Pumped 111 bbls filtered fresh water with 7/8" ball sealers and balled off to 4189 psi.

Frac well from 7038-7323' with 68,062 lbs. 20/40 Ottawa Sand, and 1,220,886 scf nitrogen, 70% foam quality, max pressure 3800 psi and 15.4 bpm. Flow back well 1/2" choke ; FCP = 50 psi w/425 MCFD & 0 BWPD, SICP = 1700 psi.

RU set RBP @ 5150 ft. to perf M.V. Pressure tested RBP to 2000 psi, held ok. Perforated 4635', 4654', 4769', 4772', 4885', 4891', 4944', 4949', 4953', 4962', 4973', 4979', 4984', 5004', 5020', 5032', 5040', 5044', 5091', 5106' with 1 JSPF, 20 total shots, .340" diameter, 3.125" gun, 120 deg. phasing, 12.5 gms. Pumped 115 bbls biltered fresh water and 7/8" Ball Sealers and balled off at 4000psi. Frac well with 78,097 lbs. 16/30 Arizona Sand, and 754,764 scf nitrogen, 70% foam quality, max pressure 2549 psi and 48.5 bpm. Flow back well on 1/2" choke, FCP = 240 psi w/1500 MCFD & OBWPD SICP = 1000 psi.

MIRUSU, 10/28/96/. C/O sand and recover RBP @ 5150'; c/o sand and CIBP @ 7160' to PBD @ 7370'. Flow well to cleanup. Set RBP @ 6000' to isolate DK pending hearing for approval to downhole commingle MV & DK. 2 3/8" tbg set at 5086'.

RDMOSU 10/31/96.