

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(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 <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
B. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. Stewart LS 6M	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		9. API WELL NO. 3004529380	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 800, DENVER, COLORADO 80015 (303) 830-5217		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
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		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	
19. ELEV. CASINGHEAD		12. COUNTY OR PARISH San Juan	
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)* Blanco Mesaverde 4635' - 5106'		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)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9.625" J-55	36#	171'	12.25"
7.000" CF-50	23#	3008'	8.75"
4.500" J-55	10.5#	7348'	6.25"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2.375	5086'		
31. PERFORATION RECORD (Interval, size and number)			
See attachment			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)			
See attachment			
AMOUNT AND KIND OF MATERIAL USED			
33. PRODUCTION			
DATE FIRST PRODUCTION 10/29/96	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing		WELL STATUS (Producing or shut-in) SI; W/O 1st delivery
DATE OF TEST 10/29/96	HOURS TESTED 12	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD
OIL - BBL. trace	GAS - MCF. 1500	WATER - BBL. 32	GAS-OIL RATIO
FLOW TUBING PRESS 340#	CASING PRESSURE 240#	CALCULATED 24-HOUR RATE	OIL - BBL.
34. DISPOSITION OF GAS (sold, used for fuel, rented, etc.) TO BE SOLD		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS PERF AND FRAC SHEET			
36. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT			
SIGNED Pat Archuleta		TITLE Staff Assistant	
BY		DATE 11/7/96	



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 perfs. 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 perfs. 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.