

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other in-  
structions 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 ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ OTHER ☐ Recompletion  
2. NAME OF OPERATOR: Amoco Production Company Attention: Gail M. Jefferson, Rm 1295C  
3. ADDRESS AND TELEPHONE NO.: P.O. Box 800, Denver, Colorado 80201 (303) 830-6157  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1500' FSL 1830' FEL UNIT J  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: SF-078566  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME, WELL NO.: Storey ~~100A~~ D #3E  
9. API WELL NO.: 3004525955  
10. FIELD AND POOL, OR WILDCAT: Blanco Mesaverde  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 35  
Township 28N Range 8W  
12. COUNTY OR PARISH: San Juan  
13. STATE: New Mexico

14. PERMIT NO. DATE ISSUED  
15. DATE SPUDDED: 5/22/84 16. DATE T.D. REACHED: 6/5/84 17. DATE COMPL. (Ready to prod.): 7/31/95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.):\* 6746' GR 19. ELEV. CASINGHEAD: 6734' GR  
20. TOTAL DEPTH, MD & TVD: 7658' 21. PLUG, BACK T.D., MD & TVD: 7640 7088' 22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY: ROTARY TOOLS YES CABLE TOOLS NO  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*: Blanco Mesaverde 4740-5055'  
25. WAS DIRECTIONAL SURVEY MADE: No  
26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL and GR 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 TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED  
9 5/8" 36# 361' KB 12 -1/4" (See Reverse)  
7" 23# 5670' KB 8-3/4"

29. LINER RECORD 30. TUBING RECORD  
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  
4-1/2" 5470KB 7658' (See Reverse) See Attachment

31. PERFORATION RECORD (Interval, log and number) See Attachment  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
See Attached

33.\* DIST. 3 PRODUCTION  
DATE FIRST PRODUCTION: 7/31/95 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump): Flowing WELL STATUS (Producing or shut-in): SHUT IN  
DATE OF TEST: 7/31/95 HOURS TESTED: 24 hrs CHOKE SIZE: 32/64" PROD'N FOR TEST PERIOD: OIL - BBL. 0 GAS - MCF. 0 WATER - BBL. 47 bbls GAS-OIL RATIO  
FLOW TUBING PRESS: 0# CASING PRESSURE: 110# CALCULATED 24-HOUR RATE: OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): To be sold TEST WITNESSES  
35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED: Gail M. Jefferson TITLE: Sr. Admin. Staff Asst. 08-22-1995  
FARMINGTON DISTRICT OFFICE

\*(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.

NMOCD

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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2200'	2330'	Sandstone & siltstone	Greenhorn	7280'	
Kirkland	2330'	2920'	Shale w/siltstone			
Fruitland	2920'	3120'	Shale, Siltstone, Coal beds & gas			
Pictured Cliffs	3120'	3210'	Sandstone			
Lewis	3210'	3675'	Shale			
Chacra	3675'	4780'	Sandstone & siltstone			
Cliffhouse	4780'	4940'	Sandstone & siltstone			
Menefee	4940'	5332'	Siltstone & shale			
Point Lookout	5332'	5540'	Shale, sandstone, siltstone			
Mancos	5540'	6530'	Shale			
Gallup	6530'	7280'	Shale & siltstone			
Graneros	7338'	7372'	Shale			
Dakota	7372'	TD	Sandstone, siltstone, shale & gas			

Storey LS 2A (formerly Storey LS 3E) - Completion Report

MIRUSU 7/12/95

Ran CBL from 2400'-5650'. Estimated top of cmt @ 5020'. Ran dual spaced neutron log from 5650-4600'

Pressure tested casing to 3500#. Held ok. Perf'd @ 4792' w/2 jspf, .430 inch diameter, 120 degree phasing, 19 grams, total 2 shots fired.

Set a pkr @ 4480' to 4484'. Squeezed perf @ 4792 w/100 sxs Class B cmt with 3# sx gilsonite & 5% Calseal & .3% halad and tailed in which 100sxs Class Be w/5% Calseal & .3% halad 344 and displaced with 2.5 bbls H2O. Squeezze pressure 1000#. Avg. rage 2.0 BPM, Max rate 20 BPM.

Release pkr and TIH w/bit and drill collar and drill out squeeze @ 4792' and pressure tst'd to 500#. Held ok. Circ hole w/clean water and TOH w/bit and drill collar. Rig up wireline and ran CBL. No isolation above 4762'. Isolation down to 4809'.

Perf'd @ 4735' w/2jspf, .430 inch diameter, 120 degree phasing, 19 grams, total 2 shots fired.

Squeezed perfs w/100 sxs Class B cmt with 3% halad 34 and 5% Calseal. Max squeeze pressure 1830#. Average rate 2.0 BPM, Maximum rate 2.0 BPM.

TIH and tagged cmt and drilled from 4553'-4823'. Pressure tested squeeze to 800#. Held ok. Circ hole w/clean water. TOH w/bit and scraper and drill collar.

Ran cbl for isolation on Mesaverde (Cliffhouse). Frac top of cmt @ 4685' bottom @ 4808'.

Perf'd: 4740', 4742', 4743', 4786', 4788', 4790', 4792' w/ 1jspf, .450 inch diameter, 120 degree phasing, 19 grams, total 7 shots fired.

Spotted 2 bbls 7% hcl acid from 4792'. Pulled up and set pkr and bull headed 22 bbls of acid into perfs. Displaced acid in @ 2 to 9 bpm. Max press 2860#, Max Rate 9.0 BPM. ISIP 435#.

Frac'd Mesaverde from 4740-4792' w/48,548 lbs of 16/30 sand. Avg rate est. .20 bpm. BH avg tbg press 48333#. Max 7000#.

Flow back frac on 1/4" choke for 8 hrs. Open up to 1/2" choke well died in 30 min. Released pkr and TOH w/frac string. Prep to reperf Mesaverde.

Perf'd: 4740-4748', 4783-4807', 4842-4849', 4870-4873', 5046-5055', w/2jspf, .450 inch diameter, 120 degree phasing, 19 grams, total 102 shots fired.

TIH w/tbg and tagged sand @ 5256'. Circ w/H2O to 6170' and TIH to 6282'. Pull tbg up to 4790' and RU N2 and unloaded hole and rec 180 bbls. SICP 280#. Open well up on 1/2" choke. Well died in 30 minutes.

With tbg @ 4790' RU swab IFL= 1200# made 10 runs, Rec 54 bbls well started to flow for 13 hrs. Rec 4 bbls.

Landed 2.375" tbg @ 4803'. Flowed well overnight. Rec 4 bbls. FTP 3#, SICP 100#, SITP 50#. SIBHP 0#.

Tst'd well for 24 hrs on 32/64" choke for 24 hrs. Receoverd 0 bbls oil, 0 mcf, and 47 bbls water. FTP 0#, Casing pressure 110#.

---

Storey LS 2A - Recompletion - Page 2

Because well was found to be an uneconomic gas well, well will be used to monitor pressures.

RDMOSU 7/31/95.

---