

Form 3150-1
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~
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 ☐ GAS WELL ☒ DRY ☐ OTHER ☐				5. LEASE DESIGNATION AND SERIAL NO. SF-078566 A			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY				7. UNIT AGREEMENT NAME			
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201				8. FARM OR LEASE NAME, WELL NO. STOREY LS #4A			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1790 FNL 1570 FWL				9. API WELL NO. 3004529050			
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT Basin Dakota			
At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 34 Township 28N Range 8W			
14. PERMIT NO.				12. COUNTY OR PARISH SAN JUAN		13. STATE NEW MEXICO	
15. DATE SPUDDED 02/02/94		16. DATE T.D. REACHED 02/10/94		17. DATE COMPL. (Ready to prod.) 05/27/94		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5859 gr	
20. TOTAL DEPTH, MD & TVD 6735		21. PLUG, BACK T.D., MD & TVD 6690		22. IF MULTIPLE COMPL., HOW MANY* TWO		23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* DAKOTA 6570-6710						25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, VDL, GR, CCL						27. WAS WELL CORED N	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
11.750 H40		42		401		14.75	
8.625 J55/K55		24/32		2443		11.00	
5.5 K55		15.5		6735		7.875	
						TOP OF CEMENT CEMENTING RECORD	
						185SX CL B	
						565SX CL B	
						775SX 50/50 POZ	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
2-1/16						4935	
31. PERFORATION RECORD (Interval, size and number)							
6570, 6580, 6660, 6666, 6674, 6680, 6686, 6698, 6702, 6710 W/ 4" GUNS W/ 1SPF, 19.5 GRAM CHG, .45" HOLE							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6570 6710				SEE ATTACHED, TOT N2 2,578,675 SCF			
				10000# BRADY 40/70 SD			
				162000# OTTAWA 20/40 SD			
				30000# SUPER DC 20/40			
33.* PRODUCTION							
DATE FIRST PRODUCTION 06 24 1994		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) FLOWING				WELL STATUS (Producing or shut-in) SHUT IN	
DATE OF TEST 06 27 1994		HOURS TESTED 24		CHOKE SIZE SEPERATOR		PROD'N FOR TEST PERIOD	
FLOW TUBING PRESS 300		CASING PRESSURE N/A		CALCULATED 24-HOUR RATE		OIL - BBL 1	
						GAS - MCF. 225	
						WATER - BBL 15	
						GAS-OIL RATIO	
						OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS FRAC AND PERF DETAIL							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED A. Wayne Branam TITLE BUSINESS ANALYST DATE 06-29-1994

*(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.

NMOOD

FARMINGTON DISTRICT OFFICE
BY Sm

**STOREY LS #4A
COMPLETION REPORT ATTACHMENT**

DAKOTA PERF

6570, 6580, 6660, 6666, 6674, 6680, 6686, 6698, 5702, 6710 W/ 4"GUNS W/ 1 SPF, 19.5 GRAM
CHG , .45" HOLE

DAKOTA FRAC

AVE FOAM RATE 21.6 BPM
AVE PRESS 4000 PSI
AVE CLEAN RATE 10.6 BPM
AVE N2 RATE 20,000 SCF/MIN
TOTAL CLEAN VOL 1031 BBLs
TOTAL N2 2,578,675 SCF
TOTAL SAND IN FORMATION 10,000# BRADY 40/70SD, 162,000# OTTAWA 20/40, 30,000#
SUPER DC 20/40

MESAVERDE PERF

3170, 3176, 3178, 3884, 3886, 3888, 3890, 3910, 4136, 4166, 4180, 4212, 4216, 4218, 4280, 4322,
4324, 4326, 4328, 4330, 4370 USING 4" GUNS W/ 1 SPF, 19.5 GRAM CHG, .45" HOLE

4455-4460, 4474-4484, 4498-4500, 4550-4570, 4620-4630, 4684-4689, 4712-4718, 4782-4785, USING
4" GUN W/ 2 SPF, 19.5 GRAM CHG W/ .45" HOLE

MESAVERDE FRAC

FRAC 3170-4370

AVE FOAM RATE 45 BPM
AVE PRESS 2752 PSI
AVE CLEAN RATE 18 BPM
AVE N2 RATE 31,400 SCF/MIN
TOTAL CLEAN VOL 820 BBLs
TOTAL N2 1,647,449 SCF
TOTAL SAND IN FORMATION 145,000# 16/30 BRADY RESIN, 30,000# 16/30 BRADY

FRAC 4456-4785

AVE FOAM RATE 54.38 BPM
AVE PRESS 1708 PSI
AVE CLEAN RATE 21.78 BPM
AVE N2 RATE 21,762.54 SCF/MIN
TOTAL CLEAN VOL 1031 BBLs
TOTAL N2 919,467.3 SCF
TOTAL SAND IN FORMATION 150,000# 12/20 BRADY, 30,000# SUPER LC BRADY 12/20

DOUCMENT COMPSTRY

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): Storey LS #4A 3004529050			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS			
NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH		
Ojo A	1285		Estimated, not logged
Kirtland	1410		
Fruitland	1915		"
Pictured Cliffs	2205		"
Lewis	2295		"
Cliffhouse	3872		
Menefee	3898		
Pt. Lookout	4452		
Mancos	4817		
Gallup	5467		
Greenhorn	6375		
Graneros	6443		
Dakota	6475		

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☐		GAS WELL ☐		DRY ☒		OTHER ☐	
1b. TYPE OF COMPLETION:		NEW WELL ☒		WORK OVER ☐		DEEP-EN ☐		PLUG BACK ☐	
						DIFF. RESVR. ☐		OTHER ☐	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY									
Attention: WAYNE BRANAM, R 1220									
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1790 FNL 1570 FWL At top prod. interval reported below At total depth									
14. PERMIT NO. OIL COIL DIV. DIST. 3									
10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE									
11. SEC., T., R., M., OR BLOCK. AND SURVEY OR AREA Section 34 Township 28N Range 8W									
12. COUNTY OR PARISH SAN JUAN									
13. STATE NEW MEXICO									
5. LEASE DESIGNATION AND SERIAL NO. SF-078566 A									
6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
7. UNIT AGREEMENT NAME									
8. FARM OR LEASE NAME. WELL NO. STOREY LS #4A									
9. API WELL NO. 3004529050									
15. DATE SPUDDED 02/02/94									
16. DATE T.D. REACHED 02/10/94									
17. DATE COMPL. (Ready to prod.) 05/27/94									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5859 gr									
19. ELEV. CASINGHEAD									
20. TOTAL DEPTH, MD & TVD 6735									
21. PLUG, BACK T.D., MD & TVD 6690									
22. IF MULTIPLE COMPL., HOW MANY* TWO									
23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* MESAVERDE 3170-4785									
25. WAS DIRECTIONAL SURVEY MADE YES									
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, VDL, GR, CCL									
27. WAS WELL CORED N									
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	
11.750 H40		42		401		14.75		186SX CL B	
3.625 J55/K55		24/32		2443		11.00		666SX CL B	
5.5 K55		15.5		6735		7.875		776SX 60/60 POZ	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
1-1/4		4607		4935					
31. PERFORATION RECORD (Interval, size and number)									
SEE ATTACHED 3170,3176,3178,3884,3886,3888,3890,3910,4136,4166,4180,4212,4216,4218,4280,4322,4324,4326,4328,4330,4370 USING 4" GUNS W/ 1 SPF, 19.5 GRAM CHG, .45" HOLE 4456-4460,4474-4484,4498-4500,4550-4570,4620-4630,4684-4689,4712-4718,4782-4785 2 SPF, 19.5 CHG, .45" HOLE									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
3170 4785		SEE ATTACHED, TOT N2 919,467 SCF 150,000# 10/20 BRADY 30,000# SUPER LC BRADY 12/20							
33.* PRODUCTION									
DATE FIRST PRODUCTION 06 24 1994		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) FLOWING						WELL STATUS (Producing or shut-in) SHUT IN	
DATE OF TEST 06 28 1919		HOURS TESTED 24		CHOKE SIZE SEPERATOR		PROD'N FOR TEST PERIOD		OIL - BBL. 1	
								GAS - MCF. 800	
								WATER - BBL. 17	
								GAS-OIL RATIO	
FLOW TUBING PRESS 310		CASING PRESSURE 545		CALCULATED 24-HOUR RATE		OIL - BBL.		GAS - MCF.	
								WATER - BBL.	
								OIL GRAVITY - API (CORR.)	
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TEST WITNESSED BY									
35. LIST OF ATTACHMENTS FRAC AND PERF DETAIL									
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							MEAS. DEPTH TRUE VERT. DEPTH
						Ojo A	1285
						Kirtland	1410
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						Pictured Cliffs	2205
						Lewis	2295
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						Pt. Lookout	4452
						Mancos	4817
						Gallup	5467
						Greenhorn	6375
						Graneros	6443
						Dakota	6475
							Estimated, not logged
							"
							"
							"

**STOREY LS #4A
COMPLETION REPORT ATTACHMENT**

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6570, 6580, 6660, 6666, 6674, 6680, 6686, 6698, 5702, 6710 W/ 4"GUNS W/ 1 SPF, 19.5 GRAM CHG , .45" HOLE

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TOTAL SAND IN FORMATION 145,000# 16/30 BRADY RESIN, 30,000# 16/30 BRADY

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DOCUMENT COMPILED