

Form 3160-1
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

Instructions on
reverse side

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 Attention: WAYNE BRANAM, R 1220				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 At top prod. interval reported below At total depth				9. API WELL NO. 3004529050			
14. PERMIT NO. OIL CON. DIV. DIST. 2				12. COUNTY OR PARISH SAN JUAN			
15. DATE SPUDDED 02/02/94				16. DATE T.D. REACHED 02/10/94			
17. DATE COMPL. (Ready to prod.) 05/27/94				19. ELEV. CASINGHEAD 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)* 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	
11.750 H40		42		401		14.75	
8.625 J55/K55		24/32		2443		11.00	
5.5 K55		15.5		6735		7.875	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
						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 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

Wayne Branam

TITLE

BUSINESS ANALYST

DATE

06-29-1994

*(See Instructions and Spaces for Additional Data on Reverse Side) JUN 30 1994

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.

RECEIVED

FARMINGTON DISTRICT OFFICE

BY

Sum

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.
Storey LS #4A	3004529050	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo A	Kirtland	Fruitland	Pictured Cliffs	Lewis
Cliffhouse	Menefee	Pt. Lookout	Mancos	Gallup
Greenhorn	Graneros	Dakota		
Estimated, not logged	"	"	"	"
1285	1410	1915	2205	2295
3872	3898	4452	4817	5467
6375	6443	6475		
MEAS. DEPTH	TRUE VERT. DEPTH	TOP		

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

4456-4460, 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

DOCUMENT COMPILED