

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

E. E. Elliott SWD #1

9. API WELL NO.

30-045-27799

10. FIELD AND POOL, OR WILDCAT

WC/ Morrison-Bluff-Entrada

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 26, T30N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other ☒ Disposal

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Amoco Production Company

ATTN: J.L. Hampton

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 1270' FNL, 580' FWL NW/NW

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-045-27799

DATE ISSUED

5/7/90

15. DATE SPUDDED

9/2/90

16. DATE T.D. REACHED

10/24/90

17. DATE COMPL. (Ready to prod.)

1/13/91 (Disposal)

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\*

5956' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8536'

21. PLUG, BACK T.D., MD & TVD

8445'

22. IF MULTIPLE COMPL., HOW MANY\*

3

23. INTERVALS DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

no

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Entrada 8202'-8418', Bluff 7924'-8048', Morrison 7564'-7764' (DISPOSAL)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/SP/GR;CNL/FDL/GR/Cal DIL/GR;End/FDC;Cal CAL/GR/CNL/Microlog

27. WAS WELL CORRED

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
30" conductor		32'			
20" K55	94#	527'	26"	surface (see attached)	0
13 3/8" K55	61.68#	2999'	17 1/2"	surface (see attached)	0
9 5/8" N80	43.5, 36.4#	5427'	12 1/4"	surface (see attached)	0
7" K55	23.26#	8528'	8 1/2"	temp. SURV. (see attached)	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					3 1/2"	7472'	

31. PERFORATION RECORD (Interval, size and number)

see attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
see attached	

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
N/A						disposing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
N/A			→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	500	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

N/A

35. LIST OF ATTACHMENTS

temperature survey / cementing report

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

SIGNED

TITLE

SE St Admin. Supr.

DATE

10/14/91

\*(See Instructions and Spaces for Additional Data on Reverse Side)

IOUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and

GEOLOGIC MARKERS				
38.	NAME	TOP		
		MEAS. DEPTH	TRUE VERT. DEPTH	
	Ojo Alamo	1480'		
	Kirtland	1633'		
	Fruitland	2390'		
	P. Cliffs	2694'		
	Cliffhouse	4330'		
	Menafee	4500'		
	Pt. Lookout	4910'		
	Gallup	6020'		
	Greenhorn	6930'		
	Graneros	6985'		
	Dakota	7025'		
	Burro Canyon	7365'		
	Morrison	7415'		
	Bluff	7910'		
	Entrada	8195'		

**11/15/90 PERFORATE ENTRADA FORMATION**

8330' - 8418' WITH 4 JSPF, .66" DIAM., 348 SHOTS, OPEN  
 8280' - 8310'         ↓         ,         ↓         , 120 SHOTS, OPEN  
 8202' - 8250'         ↓         ,         ↓         , 96 SHOTS, OPEN

**11/24/90 FRAC ENTRADA**

FRAC ENTRADA DOWN 7" CASING WITH 70000 GAL. 40# X-LINK GEL PAD,  
 242900 # 20/40 BRADY SN IN 85,932 GAL. 30# X-LINKGELLED 1% KCL  
 WATER. FLUSH WITH 311 BBL. AVG. INJ PRESSURE 1200 PSI, AIR 45  
 BPM.

**11/27/90 PERFORATE BLUFF FORMATION**

7924' - 7958' WITH 4 JSPF, .66 IN. DIAM., 320 SHOTS, OPEN  
 7968' - 8048'         ↓         ,         ↓         , 136 SHOTS, OPEN

**11/30/90 FRAC BLUFF**

FRAC BLUFF FORMATION WITH 70,000 GAL. 30# X-LINK GELL WATER PAD,  
 232,000 # 20/40 BRADY SAND IN 81,500 GAL 30# X-LINK GELLED 1% KCL  
 WATER. FLUSH WITH 300 BW. AIP 2030, AIR 45.3 BPM

12/3/90 PREPARE TO RUN CEMENT RETAINER. SET RBP AT 7810'. DUMP 2  
 SX SN ON TOP. PRESSURE TEST TO 2000#. HELD. RUN 4" CASING GUN AND  
 PERF 7694' - 96' WITH 8 HOLES. TIH WITH CEMENT RETAINER. SET AT  
 7604'. TEST TBG 2000 PSI, TEST CSG 500 PSI, ESTABLISH INJ. RATE 4  
 BPM AT 800 PSI. SQUEEZE WITH 700 SX CLASS G WITH ADDITIVES. PULL  
 UP 10' AND RUN OUT 1 BBL GOOD CEMENT. RUN TEMP. SURVEY: TOP  
 OUTSIDE 7" CASING APPROX. AT 5427' ( AT 9 5/8" CASING SHOE). DRILL  
 CEMENT 7594'- 7604' AND CEMENT RET. 7604' - 7606' AND CEMENT 7606'  
 - 7627'. DRILL OUT CEMENT. CIRCULATE CLEAN. RUN CBL: TOC OUTSIDE  
 7" AT 5910'. TIH WITH TUB AND SPOT 100 SX CLASS G NEAT CEMENT  
 OVER SQUEEZE PERFS AT 7694' - 96'. REVERSE OUT 2 BBLS COLORED  
 WATER. PRESSURE TEST SQUEEZE TO 1000 PSI. NO BLEED OFF. DRILL OUT  
 CEMENT AND CIRCULATE HOLE CLEAN. TEST SQUEEZE TO 1500 PSI. HELD.  
 DRILL CEMENT TO 8422'. PRESSURE TEST TO 1000 PSI. DOWN TO 150 PSI  
 IN 15 MIN.

12/18-21 ESTABLISH INJECTION ON THE ENTRADA AND BLUFF FORMATIONS.  
 ACIDIZE PERFS WITH 300 GAL. 15% HCL ACID TO 8408'. REVERSE ACID TO  
 PIT. TEST PUMP AND LINE TO 5000 PSI. OK. EST. INJ RATE THRU  
 CONTROL VALVE AT 960 PSI, SPOT 900 GAL 15% HCL TO PACKER SET AT  
 8408'-18, PUMP 100 GAL. ACID AT 3.2 BPM AT 3000 PSI, ISIP 1800 PSI,  
 PSA 8398'-8408'. PUMP 100 GALS ACID AT 3.6 BPM AT 2700 PSI, ISIP  
 550 PSI. PSA 8388'-98'. PUMP 100 GAL ACID AT 3.9 BPM AT 2335 ISIP.  
 PSA 8378'-88'. PUMP 100 GAL ACID AT 3.0 BPM AT 2500 PSI ISIP 0.

RESET PKR AT 8325'. UNABLE TO PUMP INTO FORMATION AT 2800 PSI, MOVE  
PKR TO 7865'. PUMP VIA CASING AT 8.5 BPM AT 760 PSI FOR 100 BBLs.  
TEST CASING TO 1500 PSI TO SURFACE FROM PKR SET AT 7865' TO SURFACE  
FOR 5 MIN. HELD.

12/22/90 SPOT 500 GAL 15% HCL TO PACKER WITH 10' SPACINGS. PUMP  
100 GALS AT EACH SETTING TO 8200'. 170 GALS AT EACH SETTING 8038'-  
7968' (8 SETS), 218 GAL AT EACH SETTING 7948'-7918' (4 SETS). ALL  
PERFS ACIDIZED. MOVE PKR TO 7853'. EST. INJ. RATE VIA CASING AT  
10.5 BPM AT 700 PSI FOR 100 BBLs. SWAB WELL

12/30/90 PERFORATE MORRISON FORMATION

7564' - 7584'	W/4 JSPF, .78" DIAM.,	80 SHOTS, OPEN
7593' - 7608'	,	60 SHOTS, OPEN
7618' - 7652'	,	136 SHOTS, OPEN
7658' - 7668'	,	40 SHOTS, OPEN
7684' - 7724'	,	160 SHOTS, OPEN
7730' - 7764'	,	136 SHOTS, OPEN

1/3/91 FRAC MORRISON FORMATION

FRAC DOWN CASING WITH 399,000 GAL 30# X-LINK GEL PAD. FOLLOW WITH  
120,910 # 20/40 SN, 441,000 GAL X-LINK GEL FRAC WATER. AIR 35 BPM,  
AIP 2050 PSI.

1/12/91 RAN 3 1/2" 9.3# N80 ABC MODIFIED TUBING. SET AT 7472'.  
TEST 7" X 3 1/2" ANNULUS WITH 500 PSI FOR 30 MIN. OK  
NMOCD ON LOCATION.