

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078139

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

E. E. Elliott B #7

9. API WELL NO.

3004509193

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Section 27-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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RENVR. ☒	Other <u>Sidetrack/Recompletion</u>
2. NAME OF OPERATOR Amoco Production Company							
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 1800' FNL 990' FEL Unit H At top prod. interval reported below At total depth 1218' FNL 1441' FEL Unit B							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 6/22/64		16. DATE T.D. REACHED Sidetracked 10/27/97		17. DATE COMPL. (Ready to prod.) 12/8/97		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5942'	
20. TOTAL DEPTH (MD & TVD) 5566' MD		21. PLUG, BACK T.D., MD & TVD 5311' MD		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 4286'-5130'						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CCL and GR						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	
9-5/8"		32.30#		311		12-1/4"	
7"		24#		4873		8-3/4"	
4.5"		11.6#		5315		6-1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
150 sacks		None					
700 sacks		None					
190 sacks		None					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2.375		4707'					
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2.375		4707'					
31. PERFORATION RECORD (Interferometer logs attached)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
See Attachment				DEPT. INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				4286'-5130'			
				35,490# 16/30 Arizona Sand			
33. DIST. 3 PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 12/8/97		HOURS TESTED 24 hrs		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
31#		100#				Trace	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold		OIL—BBL.		GAS—MCF.		WATER—BBL.	
						0	
OIL GRAVITY-API (CORR.)							
34. LIST OF ATTACHMENTS							
35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Paul W. Jefferson</u>		TITLE <u>Sr. Admin. Staff Ass</u>					
		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.

NMOCO

GEOLOGIC MARKERS

TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
0	2340				
2340	2560				
2560	4335				
4335	4859				
TD	5566				

E. E. Elliott B #7 - Subsequent Sidetrack Operations
January 6, 1998

MIRUSU 9/2/97

Blow well down, NUBOP, tally out tbg.

TIH with scraper and 2-3/8" tubing to 6922'. TOH with scraper. TIH and set CIBP at 6892'. Test Casing for 15 minutes to 750#. Casing held.

Run CBL, CCL and GR from 6887' to 2975'. Top of cement at 3450'.

Cmt'd from 6560'-6890' with 25 sxs Class B. cmt. Cmt'd from 5993'-6128' with 15 sxs Class B cmt. Cmt'd from 4728'-4923' with 15 sxs Class B cmt. Cmt'd from 4135'-4330' with 15 sxs Class B cmt. Spear 4-1/2" casing, pull slip, chemical cut 4-1/2" csg at 3265'. Lay down casing. TIH with 2-3/8" tbg to 3315' set 15 sxs of cmt to cover 4-1/2" casing. TOH.

TIH to 3220' tagged cmt. Tested 7" casing to 750#. Held Okay. Laydown work string. Ran CCL, GR and CBL from 3220'-20'. Set CIBP at 3146' under 500# of pressure. TOC after logging at 640'.

Set whipstock on CIBP at 3146. TOH laydown starting mill. TIH with watermelon mill, cut window at 3133' and new formation to 3144. Circ hole clean.

Chg out well head, set 7" RTTS, NDBOP, weld on 7" extension for secondary pack off. NUBOP, release pkr TOH LD RTTS and drill pipe. NDBOP, NUWH, waiting on drilling rig. RDMOSU 9/15/97. No tbg. in hole.

MIRU 10/17/97. Drill from 3144' to 5566' with 6-1/4" bit. Had to spot two cement plugs at 2937' and 3100' because of hole problems encountered next to old well bore. Built angle with directional tools from kick off point at 4000' to a TD of 5566 an angle built to 43 degrees through Mesaverde interval in a 325 degree azimuth.

Ran GR and Caliper log from 5537' to 2900' to determine packer seat. Set 4.5" casing from 10' to 5315'. Cmt'd from ECP and dv tool at 3840'-1820' with 190 sxs Class B cmt.

MD -- csg. did not go to TD
ECP @ 3858'
Cemented thru DV Tool, csg. from 5315' to 3890' Not cemented
RDMOSU 10/28/97.

MIRUSU 11/18/97. Tested casing from 10'-3595' for 10 minutes to 1000#. Tested okay. Prior to drilling deviation tool test casing above tool to 2000# for 15 min. Tested okay. Drill dv tool and tag PBTD at 5311'.

Ran CBL, CCL and GR from 1634'-5311'. Top of cmt at 1820'.

Perforated incremental Mesaverde at:

4286'-4306', 4390'-4410', 4426'-4446', 4462'-4482', 4566'-4586', 4880'-4900', 4976'-4996', 5008'-5028', 5054'-5074', 5110'-5130' with 2 jspf, .340 inch diameter, total 400 shots fired.

Swabbed fluid level from 4100'-4500'. Flow tested 8 hrs from 4286'-5130' on 1/2" choke, Flowed at 115 mcf/d.

Frac'd well from 4286'-5130' with 35,490# 16/30 Arizona sand.

Flow tested well after cleanup for 24 hrs on 3/4" choke, trace of oil, 660 mcf/d and no water. FTP 31#, Casing Pressure 100#.

Ran CCL and GR from 3596'-5289' for isotobe tracing.

Land 2.375" tbg at 4707'.

RDMOSU

1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 83210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004509193	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000470	⁵ Property Name E. E. Elliott B	⁶ Well Number 7
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5942 KB

¹⁰ Surface Location

UI or lot no. H	Section 27	Township 30N	Range 9W	Lot.Idn	Feet from the 1800	North/South Line North	Feet from the 990	East/West Line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UI or lot no. B	Section 27	Township 30N	Range 9W	Lot.Idn	Feet from the 1218	North/South Line North	Feet from the 1441	East/West Line East	County San Juan
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order Number
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> <i>Gail M. Jefferson</i> Signature Gail M. Jefferson Printed Name Sr. Admin. Staff Asst. Title January 12, 1998 Date
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> June 10, 1964 Date of Survey Signature and Seal of Professional Surveyer: 3602 Certificate Number

Sperry-Sun Drilling Services

Survey Report for Elliott B 7 - Geoservice Surveys



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 27-T30N-R9W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
3184.00	0.060	208.000	3184.00	1.47 S	0.78 W	-0.68	0.002
3200.00	3.000	219.600	3199.99	1.80 S	1.05 W	-0.78	18.383
3259.00	5.200	220.100	3258.84	5.04 S	3.76 W	-1.68	3.729
3415.00	3.800	223.800	3414.35	14.18 S	11.89 W	-3.93	0.916
3572.00	2.900	219.600	3571.08	20.99 S	18.02 W	-5.56	0.594
3726.00	2.400	220.600	3724.92	26.44 S	22.61 W	-7.07	0.326
3882.00	1.700	209.600	3880.82	30.93 S	25.87 W	-8.62	0.513
3945.00	1.300	209.300	3943.80	32.37 S	26.69 W	-9.26	0.635
3977.00	1.300	211.700	3975.79	32.99 S	27.05 W	-9.53	0.170
4008.00	1.100	317.800	4006.78	33.07 S	27.44 W	-9.35	6.199
4037.00	3.200	309.000	4035.76	32.36 S	28.26 W	-8.29	7.309
4068.00	3.800	309.600	4066.70	31.16 S	29.72 W	-6.44	1.939
4100.00	5.300	315.500	4098.60	29.43 S	31.57 W	-3.94	4.904
4131.00	6.700	323.700	4129.43	26.95 S	33.65 W	-0.71	5.284
4162.00	9.100	330.300	4160.14	23.36 S	35.93 W	3.53	8.264
4192.00	11.600	331.800	4189.65	18.64 S	38.53 W	8.85	8.381
4223.00	12.400	332.100	4219.97	12.95 S	41.56 W	15.20	2.588
4253.00	13.800	332.000	4249.19	6.95 S	44.75 W	21.90	4.667
4284.00	15.500	330.500	4279.18	0.08 S	48.53 W	29.65	5.618
4315.00	17.200	328.000	4308.92	7.42 N	53.00 W	38.31	5.934
4346.00	19.400	328.800	4338.35	15.71 N	58.09 W	47.98	7.143
4377.00	18.800	324.800	4367.65	24.19 N	63.64 W	58.09	4.643
4407.00	19.100	326.800	4396.02	32.25 N	69.11 W	67.81	2.385
4439.00	20.800	326.200	4426.10	41.35 N	75.14 W	78.70	5.351
4500.00	21.500	322.600	4482.99	59.23 N	87.96 W	100.68	2.418
4562.00	24.100	323.600	4540.15	78.45 N	102.37 W	124.70	4.240
4593.00	26.100	322.700	4568.22	88.97 N	110.26 W	137.85	6.568
4655.00	28.600	321.800	4623.28	111.49 N	127.70 W	166.33	4.087
4716.00	27.700	325.300	4677.07	134.62 N	144.81 W	195.09	3.082
4747.00	27.100	327.000	4704.59	146.46 N	152.75 W	209.32	3.180
4778.00	27.100	327.200	4732.19	158.32 N	160.42 W	223.40	0.294
4809.00	28.400	326.700	4759.62	170.42 N	168.30 W	237.78	4.260
4840.00	30.800	326.300	4786.58	183.18 N	176.75 W	253.05	7.768
4872.00	32.100	324.100	4813.88	196.89 N	186.28 W	269.72	5.419
4904.00	34.100	323.200	4840.68	210.96 N	196.64 W	287.19	6.436
4935.00	37.300	324.700	4865.85	225.59 N	207.28 W	305.27	10.701
4966.00	40.800	326.300	4889.92	241.69 N	218.33 W	324.76	11.748
5028.00	43.200	325.100	4936.00	275.95 N	241.71 W	366.17	4.082
5090.00	44.000	325.000	4980.89	310.99 N	266.21 W	408.87	1.295
5151.00	44.400	325.100	5024.63	345.85 N	290.57 W	451.35	0.666
5244.00	43.300	325.700	5091.69	398.88 N	327.15 W	515.68	1.264
5337.00	44.500	327.000	5158.70	452.56 N	362.88 W	580.00	1.614
5368.00	43.900	326.500	5180.93	470.64 N	374.73 W	601.54	2.238
5490.00	43.100	325.500	5269.42	540.26 N	421.68 W	685.34	0.865

Continued...

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Sperry-Sun Drilling Services

Survey Report for Elliott B 7 - Geoservice Surveys



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 27-T30N-R9W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
5520.00	41.900	325.200	5291.54	556.93 N	433.21 W	705.58	4.057
5566.00	41.900	325.200	5325.78	582.16 N	450.74 W	736.26	0.000

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100ft.

Vertical Section is from Well and calculated along an Azimuth of 322.251° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 5566.00ft.,
The Bottom Hole Displacement is 736.26ft., in the Direction of 322.251° (True).

2472

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