

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE:

(See other
instructions on
reverse side)

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

C15K

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐				5. LEASE DESIGNATION AND SERIAL NO. NM 01119											
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME											
2. NAME OF OPERATOR EXXON CORPORATION ATTN: REGULATORY AFFAIRS				7. UNIT AGREEMENT NAME											
3. ADDRESS OF OPERATOR P. O. BOX 1600 MIDLAND, TX 79702				8. FARM OR LEASE NAME AVALON (DELAWARE) UNIT											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 43 FNL 1458 FEL At surface At top prod. interval reported below At total depth				9. WELL NO. 503											
14. PERMIT NO. 3001528594				DATE ISSUED 09/28/95		12. COUNTY OR PARISH EDDY		13. STATE NM							
15. DATE SPUDDED 05/15/96		16. DATE T.D. REACHED 05/27/96		17. DATE COMPL. (Ready to prod.) 09/26/96		18. ELEVATIONS (DF, RKB, RT, GR ETC.)* 3278' KB		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 3850		21. PLUG, BACK T.D., MD & TVD 3815		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY X		ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION---TOP, BOTTOM, NAME (MD AND TVD)* 2628 - 3680 DELAWARE								25. WAS DIRECTIONAL SURVEY MADE NO							
26. TYPE ELECTRIC AND OTHER LOGS RUN NEUTRON-DENSITY-GR; AIT-MICROLOG-GR; MDT								27. WAS WELL CORED NO							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
16		LINE PIPE		40		20"		40 CU FT							
10-3/4		40.4#		621		14-3/4		520 SXS C							
7-5/8		26.4#		2456		9-7/8		750 SXS C							
4-1/2		4.56, 5.41		3847		6-3/4		295 SXS C							
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		2263		3847		295 SX				2-7/8		3551			
31. PERFORATION RECORD (Interval, size and number) 2628-3680 3 1/8" GUN, 1 SPF, 109 SHOTS										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										3620 - 3680		800 GAL 7.5% HCL FRAC W/ 18300 GAL + 35100# 16/30			
33.*										PRODUCTION					
DATE FIRST PRODUCTION 09/26/96		PRODUCTION METHOD (Flowing gas lift, pumping, size and type of pump) ROD PUMP								WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 09/27/96		HOURS TESTED 24		CHOKE SIZE		PROD. FOR TEST PERIOD		OIL---BBL. 20		GAS---MCF. 141		WATER---BBL. 183		GAS-OIL RATIO 7050	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL---BBL.		GAS---MCF.		WATER---BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) SOLD										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS INCLINATION SURVEY; 1000# CSG INTEGRITY CHART; LOGS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED <u>Selena Nunez</u> TITLE <u>Sr. Office Assistant</u> (915) 688-7899 DATE <u>10/06/96</u>															

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				ANHY DELAWARE SAND	450 2548	

LEASE & WELL

Avalon Delaware Unit #503

LOCATION

(Give Unit, Section, Township and Range)

OPERATOR

Exxon

DRILLING CONTRACTOR

NABORS DRILLING USA, INC.

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH

DEGREES @ DEPTH

DEGREES @ DEPTH

DEGREES @ DEPTH

1 1/4 @ 390

3/4 @ 629

1 1/2 @ 1067

2 3/4 @ 1532

2 3/4 @ 1941

2 3/4 @ 2460

1 1/2 @ 2942

1 3/4 @ 3438

1 1/4 @ 3850

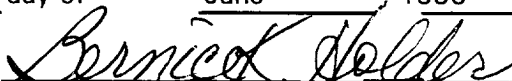
Drilling Contractor

Nabors Drilling USA, Inc.

By


Jimmy Stroud

Subscribed and sworn to before me this 13th day of June 1996


Notary Public

My Commision Expires

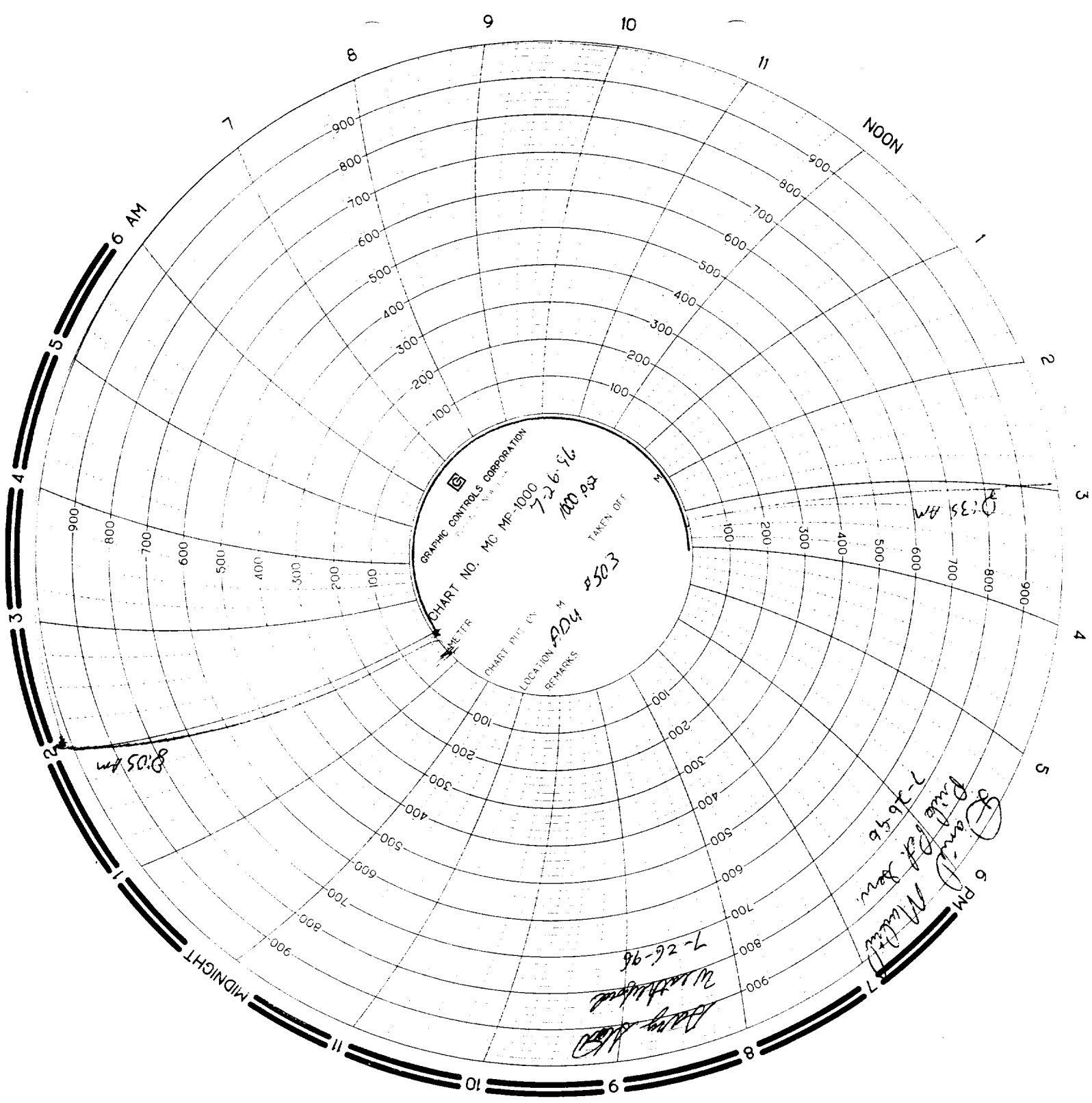
MIDLAND

County

TEXAS



OFFICIAL SEAL
BERNICE K. HOLDER
NOTARY PUBLIC
STATE OF TEXAS



GRAPHIC CONTROLS CORPORATION
CHART NO. MC MF-1000
LOCATION PD4 #503
TAKEN OFF

8:35 AM

8:05 AM

6 PM
Paul M. M...
7-26-96

7-26-96
W. M. M...
7-26-96

MIDNIGHT

COMPANY: Exxon Company U.S.A.

WELL: Avalon Delaware Unit No. 503

FIELD: Avalon Delaware

COUNTY: Eddy

STATE: New Mexico

Field: Avalon Delaware Location: 43 FNL & 1458 FEL Well: Avalon Delaware Unit No. 503 Company: Exxon Company U.S.A.	Schlumberger		Platform Express - Neutron / Density Natural Gamma Ray	
	43 FNL & 1458 FEL		Elev.: K.B. 3279 F G.L. 3265 F D.F. 3278 F	
	Permanent Datum: G.L.		Elev.: 3265 F	
	Log Measured From: K.B.		14.0 F above Perm. Datum	
Drilling Measured From: K.B.				
API Serial No. 30-015-28594		SECTION 31	TOWNSHIP 20-S	RANGE 28-E
Logging Date		27-May-1996		
Run Number		1		
Depth Driller		3850 F		
Schlumberger Depth		3850 F		
Bottom Log Interval		3831 F		
Top Log Interval		0 F		
Casing Driller Size @ Depth		7.625 IN @ 2460 F @		
Casing Schlumberger		2456 F		
Bit Size		6.750 IN		
Type Fluid In Hole		Fresh Gel		
Density	Viscosity	8.6 LB/G	39 S	
Fluid Loss	PH	11 C3	10	
Source Of Sample		Pit		
RM @ Measured Temperature		1.470 OHMM	@ 85 DEGF	@
RMF @ Measured Temperature		1.212 OHMM	@ 85 DEGF	@
RMC @ Measured Temperature		2.080 OHMM	@ 85 DEGF	@
Source RMF	RMC	Meas.	Calc.	
RM @ MRT	RMF @ MRT	1.313 @ 96	1.082 @ 96	@ @
Maximum Recorded Temperatures		96 DEGF		
Circulation Stopped	Time	26-May-1996	19:15	
Logger On Bottom	Time	26-May-1996	See log	
Unit Number	Location	3005	Roswell	
Recorded By		Roberts		
Witnessed By		David Rosen		

COMPANY: Exxon Company U.S.A.

WELL: Avalon Delaware Unit No. 503

FIELD: Avalon Delaware

COUNTY: Eddy STATE: New Mexico

Platform Express -

Micro Log

Gamma Ray

Schlumberger

COUNTY: Eddy
Field: Avalon Delaware
Location: 43 FNL & 1458 FEL
Well: Avalon Delaware Unit No. 503
Company: Exxon Company U.S.A.

LOCATION	
43 FNL & 1458 FEL	Elev.: K.B. 3279 F G.L. 3265 F D.F. 3278 F
Permanent Datum: G.L.	Elev.: 3265 F
Log Measured From: K.B.	14.0 F above Perm. Datum
Drilling Measured From: K.B.	
API Serial No. 30-015-28594	SECTION 31
	TOWNSHIP 20-S
	RANGE 28-E

Logging Date	27-May-1996
Run Number	1
Depth Driller	3850 F
Schlumberger Depth	3850 F
Bottom Log Interval	3831 F
Top Log Interval	2456 F
Casing Driller Size @ Depth	7.625 IN @ 2460 F
Casing Schlumberger	2456 F
Bit Size	6.750 IN
Type Fluid In Hole	Fresh Gel
Density	8.6 LB/G
Viscosity	39 S
Fluid Loss	PH 11 C3 10
Source Of Sample	Pit
RM @ Measured Temperature	1.470 OHMM @ 85 DEGF
RMF @ Measured Temperature	1.212 OHMM @ 85 DEGF
RMC @ Measured Temperature	2.080 OHMM @ 85 DEGF
Source RMF	Meas. 1.313 @ 96 Calc. 1.082 @ 96
RM @ MRT	96 DEGF
RMF @ MRT	96 DEGF
Maximum Recorded Temperatures	26-May-1996 19.15
Circulation Stopped	26-May-1996
Logger On Bottom	26-May-1996 See log
Unit Number	3005 Roswell
Location	

COMPANY: Exxon Company U.S.A.

WELL: Avalon Delaware Unit No. 503

FIELD: Avalon Delaware

COUNTY: Eddy STATE: New Mexico

Schlumberger
Platform Express -
Array Induction Imager
Gamma Ray

COUNTY: Eddy
Field: Avalon Delaware
Location: 43 FNL & 1458 FEL
Well: Avalon Delaware Unit No. 503
Company: Exxon Company U.S.A.

LOCATION		Elev.: K.B. 3279 F	
43 FNL & 1458 FEL		G.L. 3265 F	
Permanent Datum: G.L.		D.F. 3278 F	
Log Measured From: K.B.		14.0 F above Perm. Datum	
Drilling Measured From: K.B.			
API Serial No. 30-015-28594	SECTION 31	TOWNSHIP 20-S	RANGE 28-E

Logging Date	27-May-1996		
Run Number	1		
Depth Driller	3850 F		
Schlumberger Depth	3850 F		
Bottom Log Interval	3842 F		
Top Log Interval	2456 F		
Casing Driller Size @ Depth	7.625 IN @ 2460 F		
Casing Schlumberger	2456 F		
Bit Size	6.750 IN		
Type Fluid In Hole	Fresh Gel		
Density	8.6 LB/G	39 S	
Fluid Loss	PH	10	
Source Of Sample	Pit		
RM @ Measured Temperature	1.470 OHMM @ 85 DEGF		@
RMF @ Measured Temperature	1.212 OHMM @ 85 DEGF		@
RMC @ Measured Temperature	2.080 OHMM @ 85 DEGF		@
Source RMF	Meas. 1.313 @ 96	Calc. 1.082 @ 96	@
RM @ MRT	96 DEGF		
Maximum Recorded Temperatures	26-May-1996	19.15	
Circulation Stopped	26-May-1996	See log	
Logger On Bottom	3005	Roswell	
Unit Number	Location		

COMPANY: Exxon Company U.S.A.

WELL: Avalon Delaware Unit No. 503

FIELD: Avalon Delaware

COUNTY: Eddy

STATE: New Mexico

Field: Avalon Delaware Location: 43 FNL & 1458 FEL Well: Avalon Delaware Unit No. 503 Company: Exxon Company U.S.A.	Schlumberger		Modular Formation Dynamics Tester	
	43 FNL & 1458 FEL		Elev.: K.B. 3279 F G.L. 3265 F D.F. 3278 F	
	Permanent Datum: G.L.		Elev.: 3265 F	
	Log Measured From: K.B.		14.0 F above Perm. Datum	
Drilling Measured From: K.B.				
API Serial No. 30-015-28594		SECTION 31	TOWNSHIP 20-S	RANGE 28-E
Logging Date		27-MAY-1996		
Run Number		1		
Depth Driller		3850 F		
Schlumberger Depth		3850 F		
Bottom Log Interval		3674 F		
Top Log Interval		2680 F		
Casing Driller Size @ Depth		7.625 IN @ 2460 F @		
Casing Schlumberger		2456 F		
Bit Size		6.750 IN		
Type Fluid In Hole		Fresh Gel		
Density	Viscosity	8.6 LB/G	39 S	
Fluid Loss	PH	11 C3	10	
Source Of Sample		Pit		
RM @ Measured Temperature		1.470 OHMM @ 85 DEGF		@
RMF @ Measured Temperature		1.212 OHMM @ 85 DEGF		@
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Source RMF	RMC	Meas.	Calc.	
RM @ MRT	RMF @ MRT	1.313 @ 96	1.082 @ 96	@ @
Maximum Recorded Temperatures		96 DEGF		
Circulation Stopped	Time	26-May-1996	19:15	
Logger On Bottom	Time	26-MAY-1996	See log	
Unit Number	Location	3005	Roswell	
Recorded By		Darron Ferree		
Witnessed By		David Rosen		