

CAB 45
601-663

RECEIVED
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OIL CON. DIV.
DIST. 3

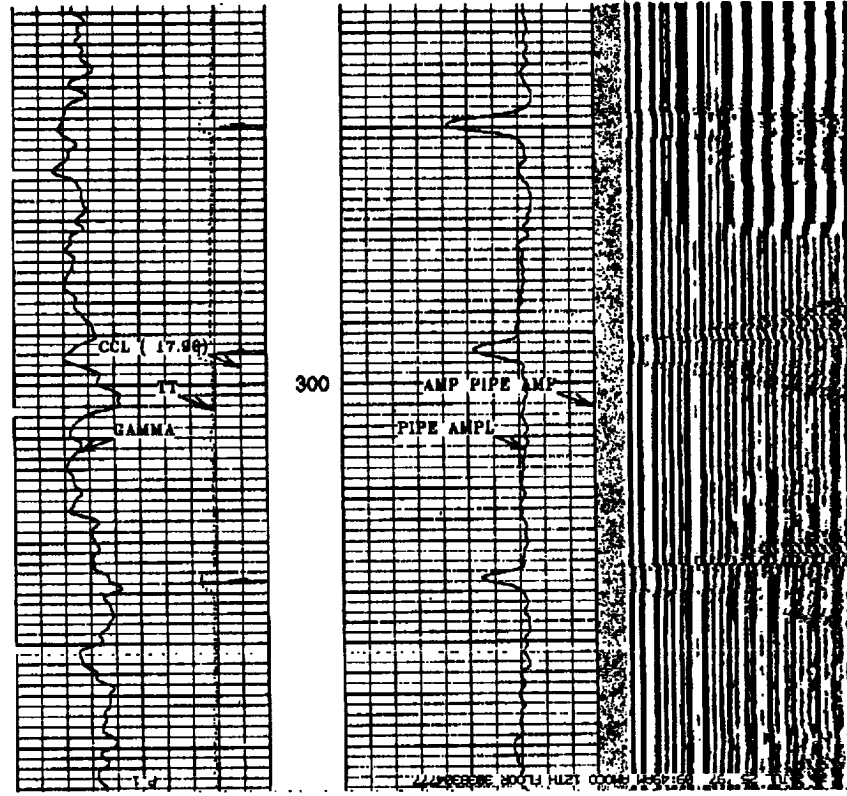
Portable Transmitter
15-77-6-8-02

Date: 7-25-97 Time: 11:00

This transmission consists of: 8 pages

Johny Robinson
Khank Vu
Amora
Dennis

COMPANY AMCO PRODUCTION COMPANY WELL BARKER GAS CON A 91 FIELD BASIN HILLMAN COAL COUNTY WILSON STATE N.C.		COMPANY AMCO PRODUCTION COMPANY WELL BARKER GAS CON A 91 FIELD BASIN HILLMAN COAL COUNTY WILSON STATE N.C.	
Log 20 Top 200 Page 1100 Log 20 Top 200 Page 1100		Log 20 Top 200 Page 1100 Log 20 Top 200 Page 1100	
Log 20 Top 200 Page 1100 Log 20 Top 200 Page 1100		Log 20 Top 200 Page 1100 Log 20 Top 200 Page 1100	

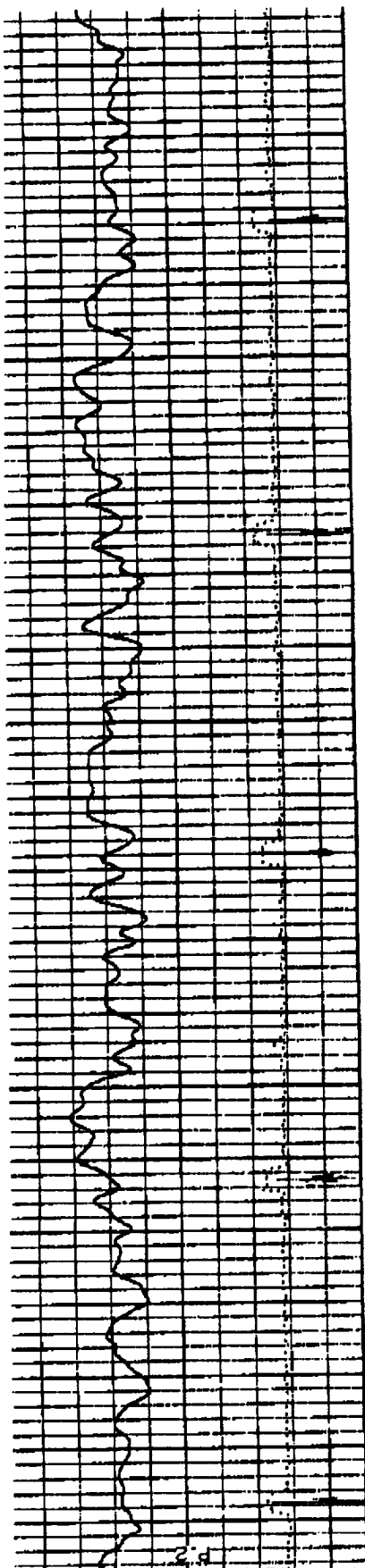


Perf @ 620'
OK
7-25-97

Central Resources, Inc.
Northeast Hogback Unit Well No. 57
1300' FNL, 375' FEL
Section 10, T30N, R16W
San Juan County, New Mexico
Lease No. NM-077281
Completion Report
Attachment "A"

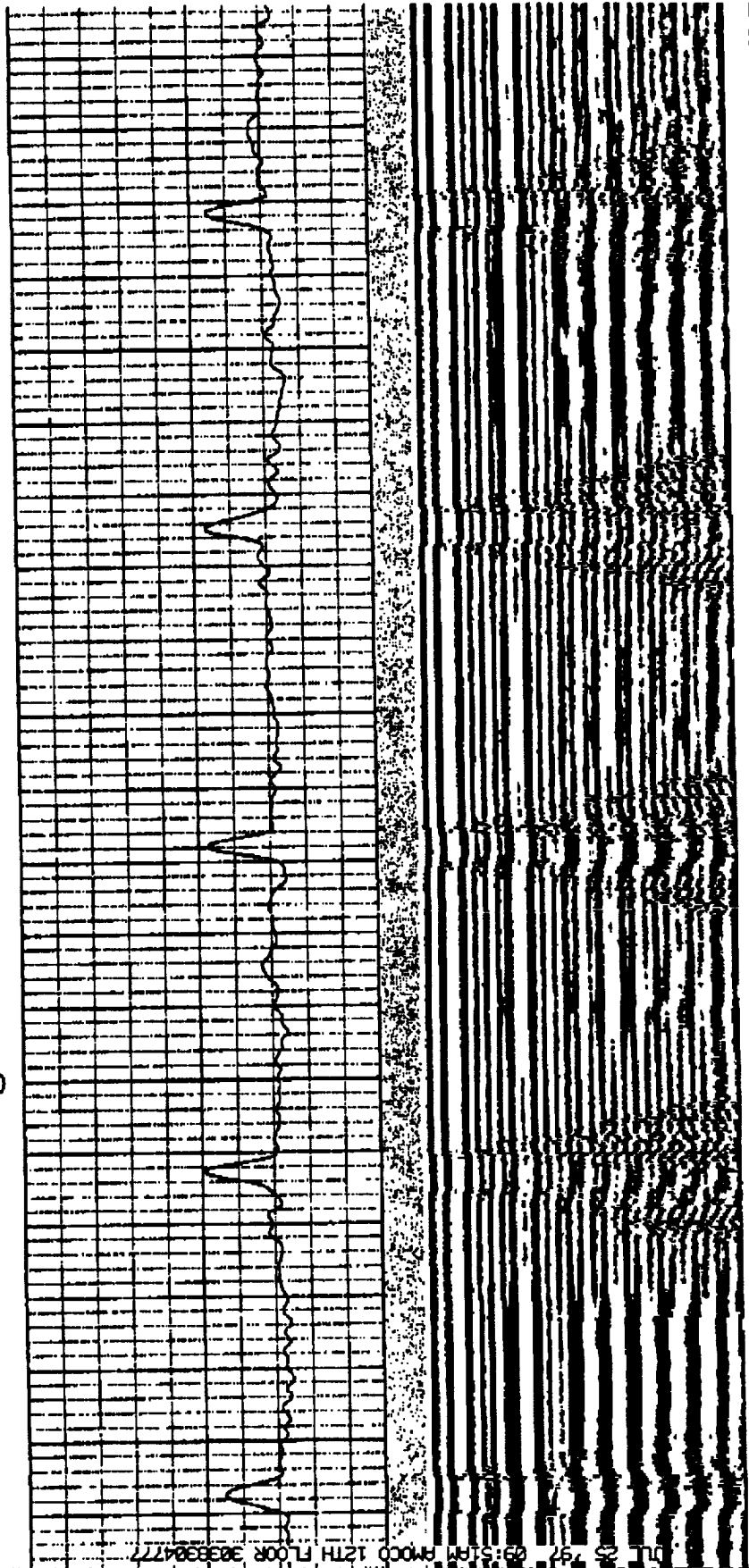
Cement Record

Surface Casing -	Mixed and pumped 60 sacks (70.8 cuft) Class B cement containing 2% CaCl ₂ and 1/4#/sk Cellophane Flakes Circulated 4 barrels cement to surface.
Production Casing -	Mixed and pumped 65 sacks (133.9 cuft) Class B cement containing 2% Metasilicate and 1/4#/sk Cellophane flakes. Tailed in with 60 sacks (70.8 cuft) Class B cement containing 1/4#/sk cellophane flakes and 2% CaCl ₂ .



400

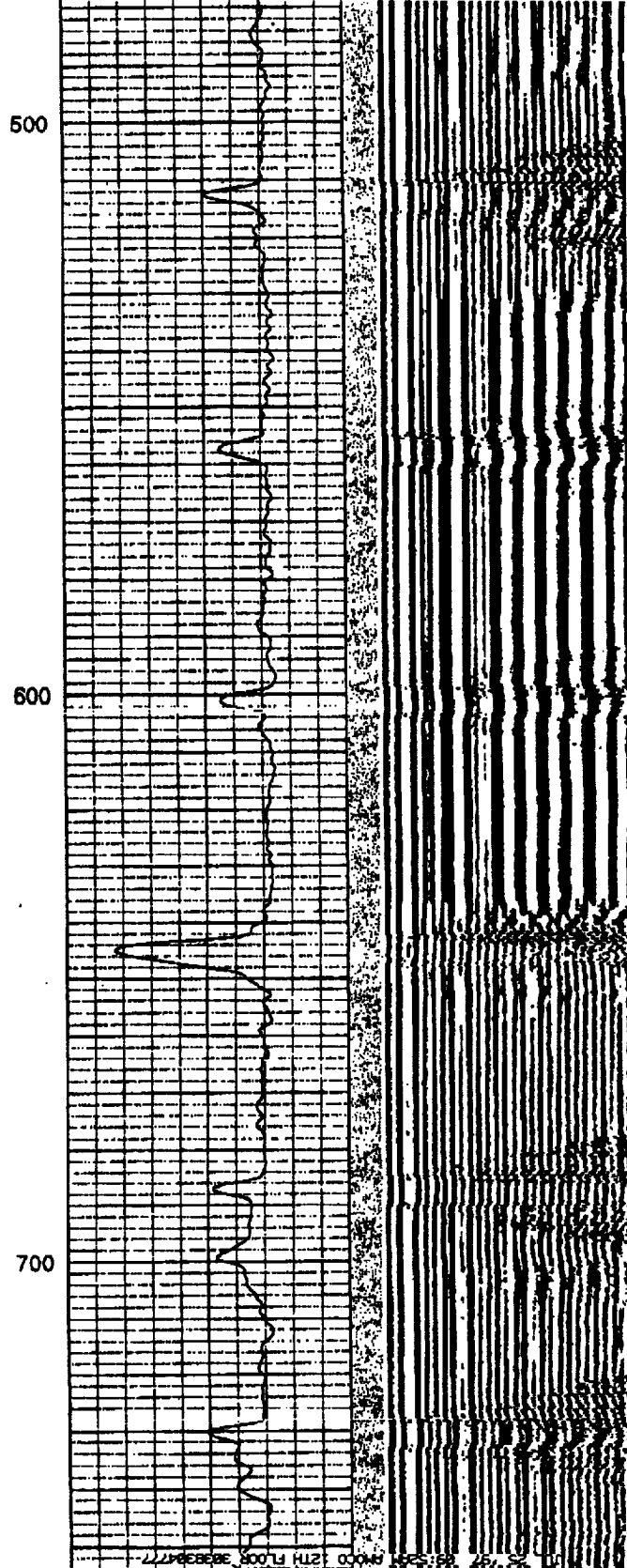
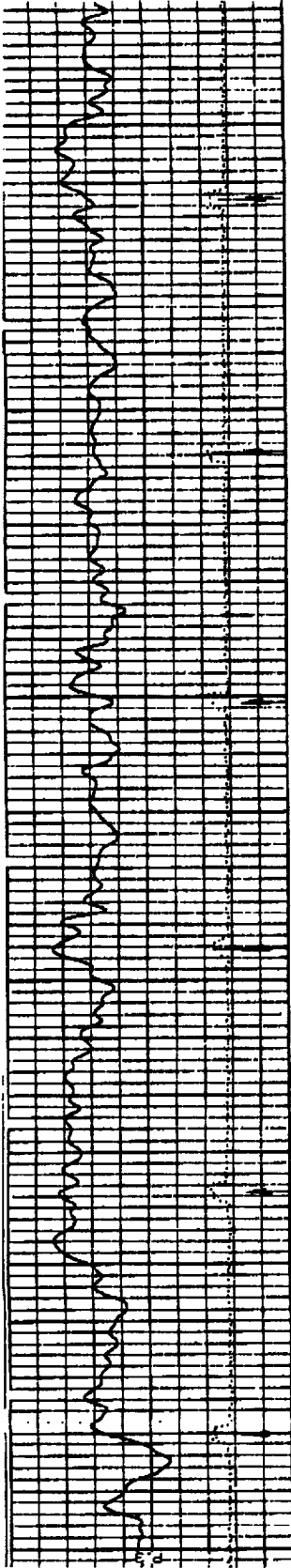
500



37. SUMMARY OF POROUS ZONES: (Show all important zones or 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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Point Lookout	surface	461				
Upper Mancos	150	1341				
Mancos Silt Marker	461	1419				
Mancos Calc Marker	1341	1452				
Tocito	1419	1466				
"E" Zone	1452	1491				
"E" Zone Sandstone	1466	1564				
ES-5	1491	1592				
"B" Sandstone	1564					
Juana Lopez	1592					



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

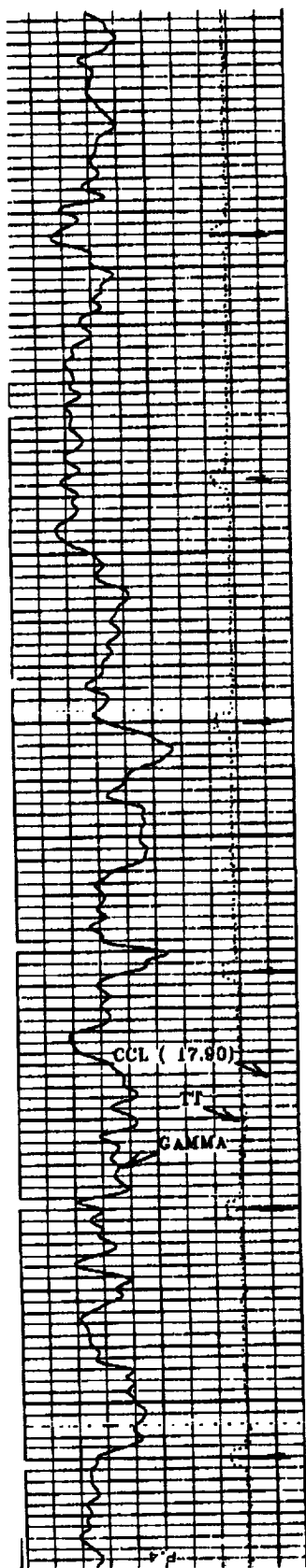
SUBMIT IN DUPLICATE
(See other In-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

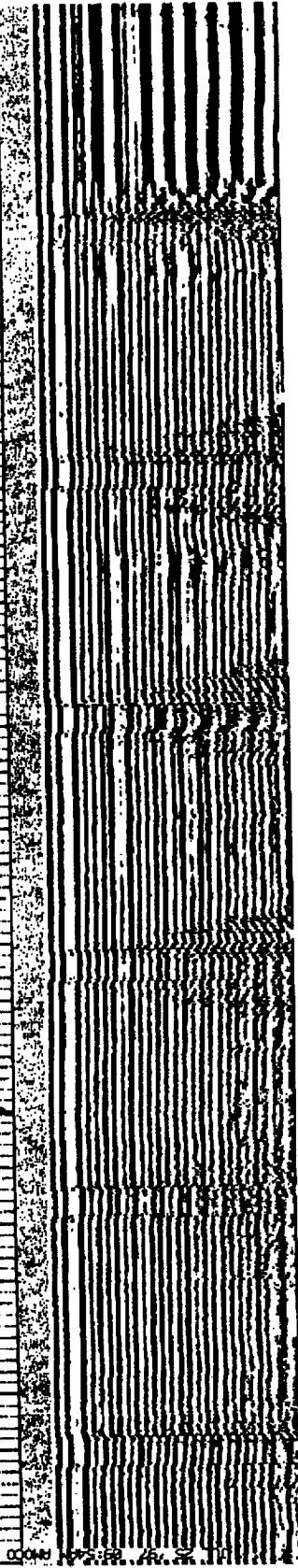
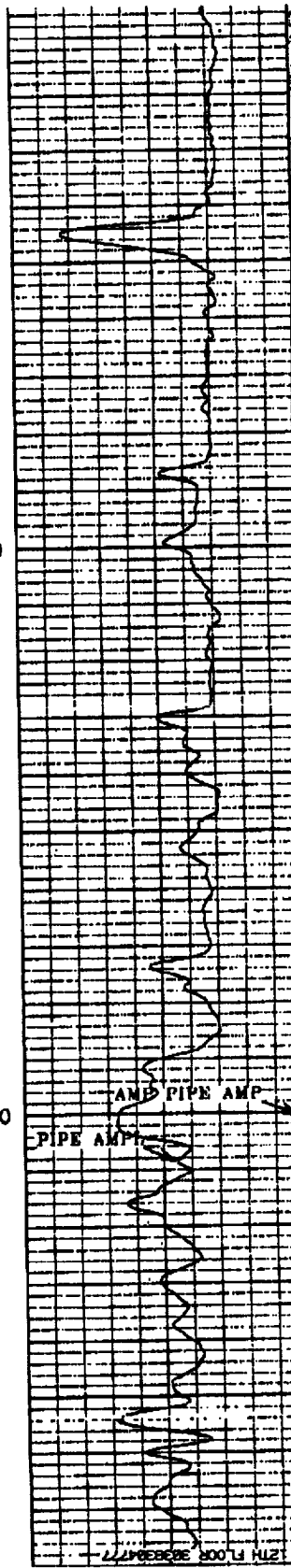
1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐	5. LEASE DESIGNATION AND SERIAL NO. NM-077281	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
2. NAME OF OPERATOR Central Resources, Inc.						7. UNIT AGREEMENT NAME Northeast Hogback Unit	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2810, Farmington, New Mexico 87499						8. FARM OR LEASE NAME, WELL NO. Northeast Hogback Unit #57	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1300' FNL, 375' FEL At top prod. interval reported below At total depth						9. API WELL NO. 30-045-29346	
10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 10, T30N, R16W	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico		14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5/10/97		16. DATE T.D. REACHED 5/14/97		17. DATE COMPL. (Ready to prod.) 6/20/97		18. ELEVATIONS (DF, RKB, RT, FE, ETC.) 5466' GLE	
19. ELEV. CASINGHEAD 5465'		20. TOTAL DEPTH, MD & TVD 1740'		21. PLUG, BACK T.D., MD & TVD 1688'		22. IF MULTIPLE COMPL., HOW MANY *	
23. INTERVALS DRILLED BY		ROTARY TOOLS X		CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, Borehole Compensated Sonic and Cement Bond Logs		27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		TUBING RECORD		30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		31. PERFORATION RECORD (Interval, size and number)	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
7", J-55		20		131.9'		8-3/4"	
4-1/2", J-55		10.5		1732.47'		6-1/4"	
2-3/8"		1613'		PACKER SET (MD)		32. DEPTH INTERVAL (MD)	
1476' to 1595'		500 gallons 15% HCl		58,000# 12/20 Brady sand in		522 barrels 30# linear gel	
18 holes at 0.31"		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS	
DATE OF FIRST PRODUCTION 6/20/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping w/ 1-1/2" rod pump		WELL STATUS (Producing or shut-in) Producing		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
DATE OF TEST 7/9/97		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS. 55		CASING PRESSURE 10		CALCULATED 24-HOUR RATE		OIL - BBL. 2	
GAS - MCF. 2		WATER - BBL. 18		OIL GRAVITY - API (CORR.) 39		TEST WITNESSED BY	
Attachment A		SIGNED		TITLE Production Engineer		DATE 7/14/97	

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



700

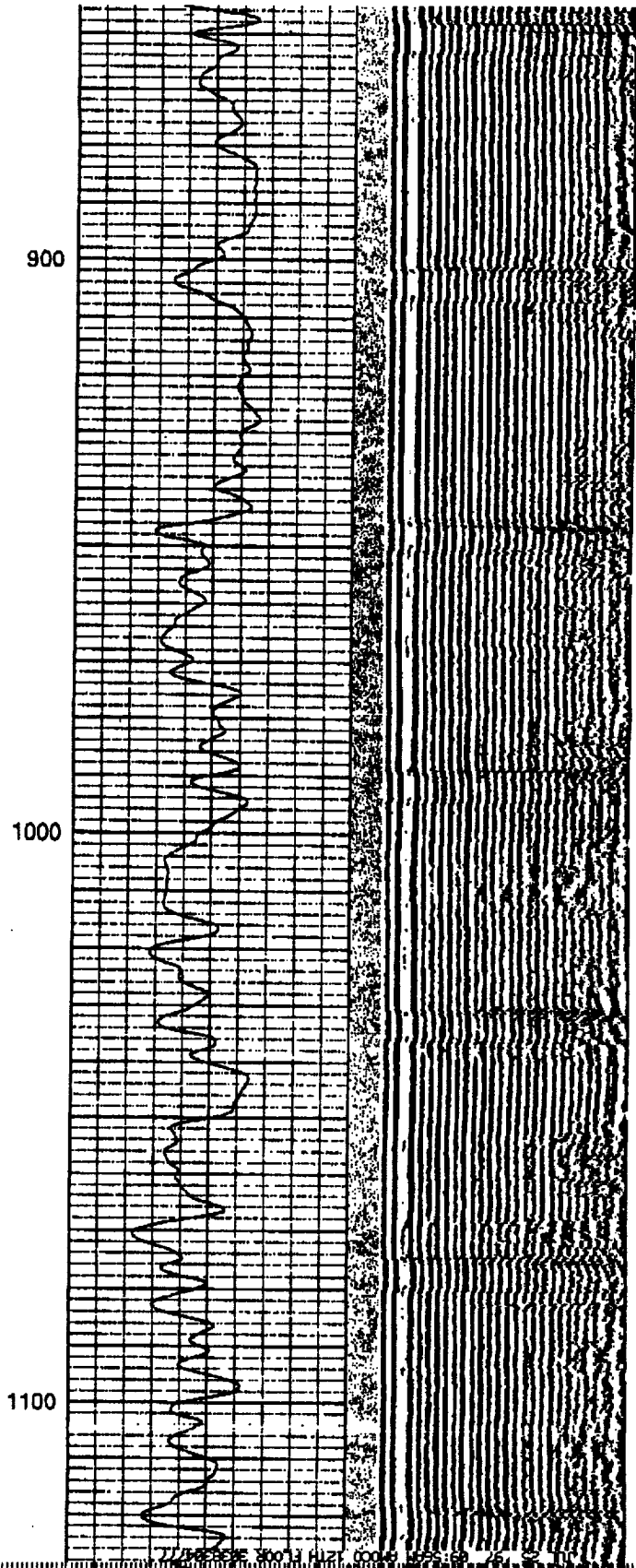
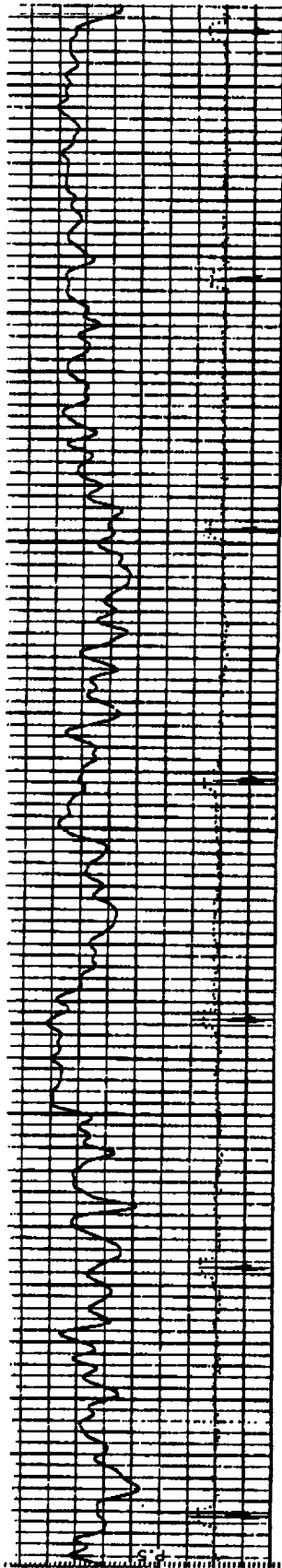
800



Central Resources, Inc.
Northeast Hogback Unit Well No. 57
1300' FNL, 375' FEL
Section 10, T30N, R16W
San Juan County, New Mexico
Lease No. NM-077281
Completion Report
Attachment "A"

Cement Record

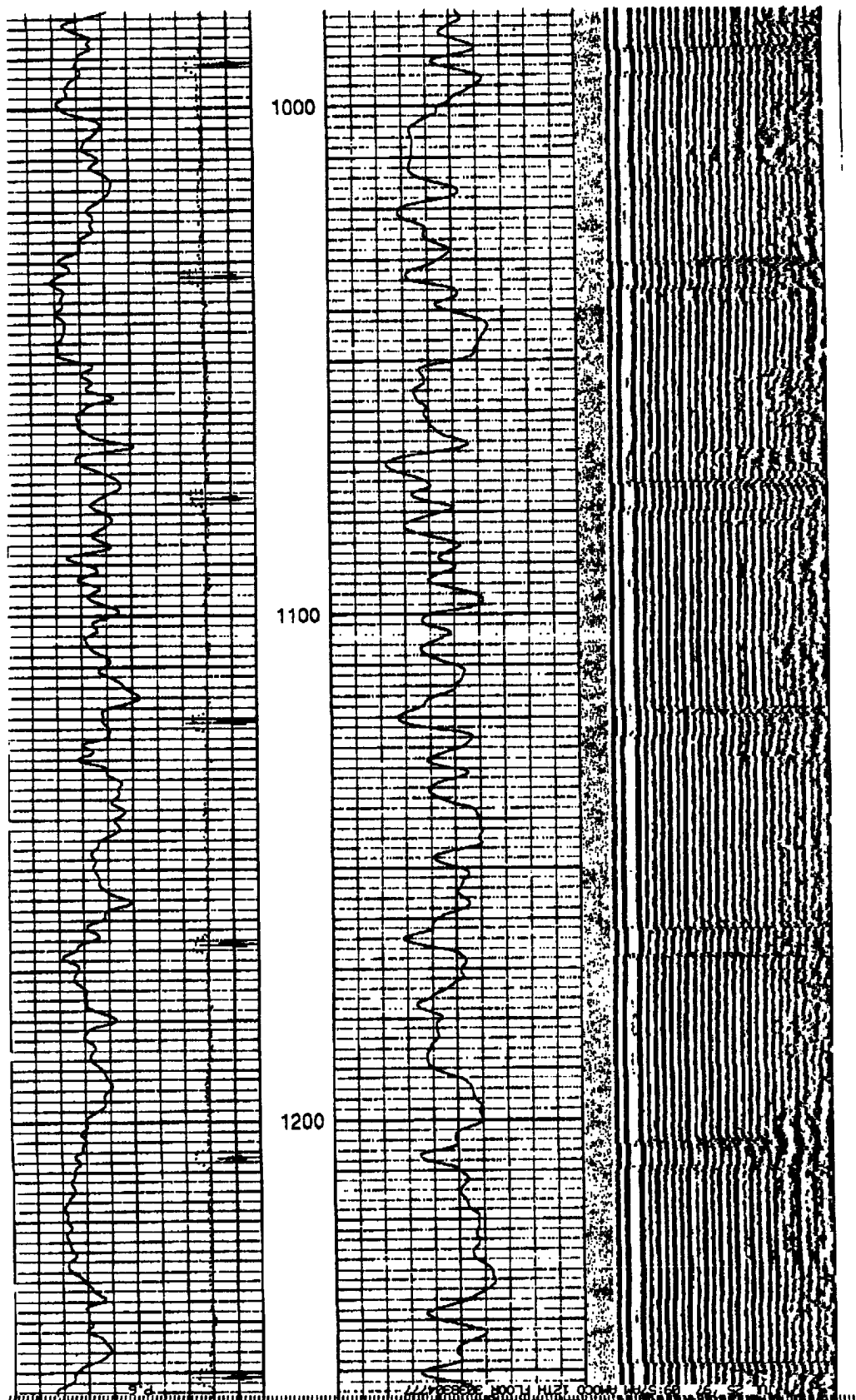
Surface Casing -	Mixed and pumped 60 sacks (70.8 cuft) Class B cement containing 2% CaCl ₂ and 1/4#/sk Cellophane Flakes Circulated 4 barrels cement to surface.
Production Casing -	Mixed and pumped 65 sacks (133.9 cuft) Class B cement containing 2% Metasilicate and 1/4#/sk Cellophane flakes. Tailed in with 60 sacks (70.8 cuft) Class B cement containing 1/4#/sk cellophane flakes and 2% CaCl ₂ .



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Northeast Hogback Unit Well No. 57
1300' FNL, 375' FEL
Section 10, T30N, R16W
San Juan County, New Mexico
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Cement Record

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37. SUMMARY OF POROUS ZONES: (Show all important zones or 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Point Lookout	surface	461				
Upper Mancos	150	1341				
Mancos Silt Marker	461	1419				
Mancos Calc Marker	1341	1452				
Tocito	1419	1466				
"E" Zone	1452	1491				
"E" Zone Sandstone	1466	1564				
ES-5	1491	1592				
"B" Sandstone	1564					
Juana Lopez	1592					

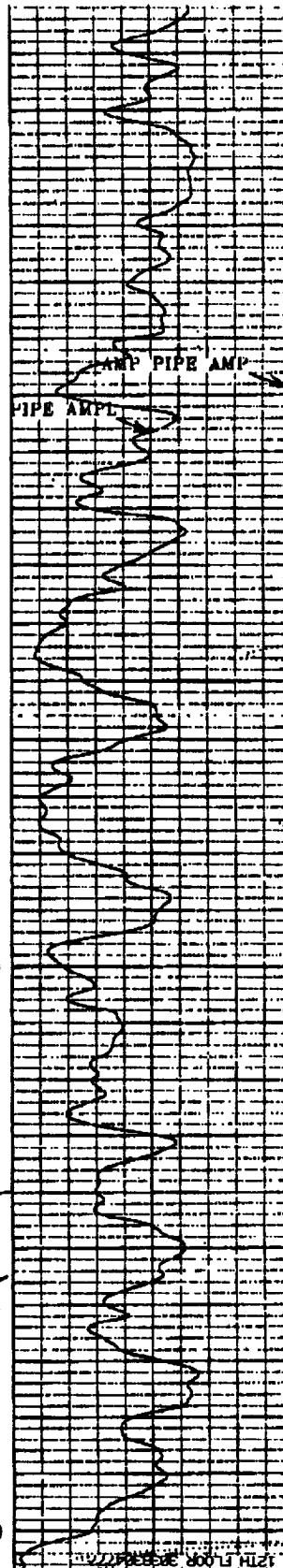


1300

1400

1500

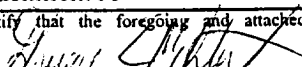
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formation



DEPARTMENT OF THE INTERIOR

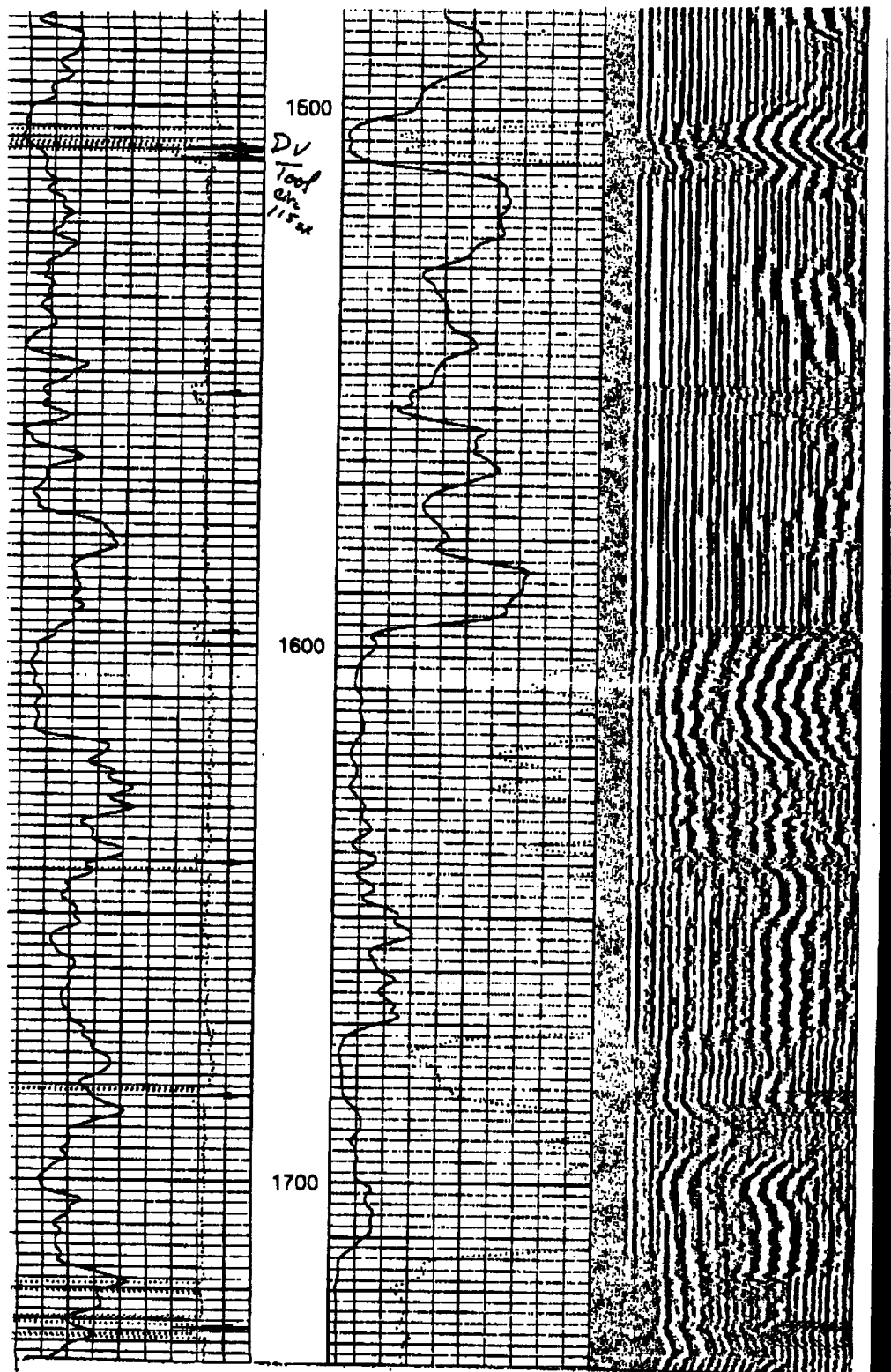
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:				OIL WELL ☒	GAS WELL ☐	DRY ☐	Other _____	7. UNIT AGREEMENT NAME Northeast Hogback Unit	
b. TYPE OF COMPLETION:				NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Central Resources, Inc.								Northeast HogbackUnit #57	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2810, Farmington, New Mexico 87499								9. API WELL NO. 30-045-29346	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1300' FNL, 375' FEL At top prod. interval reported below At total depth								10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
								11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 10, T30N, R16W	
				14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH San Juan	
								13. STATE New Mexico	
15. DATE SPUDDED 5/10/97		16. DATE T.D. REACHED 5/14/97		17. DATE COMPL. (Ready to prod.) 6/20/97		18. ELEVATIONS (DF, RKB, RT, FE, ETC.)* 5466' GLE		19. ELEV. CASINGHEAD 5465'	
20. TOTAL DEPTH, MD & TVD 1740'		21. PLUG, BACK T.D., MD & TVD 1688'		22. IF MULTIPLE COMPL., HOW MANY *		23. INTERVALS DRILLED BY		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 1476' to 1595' Upper and Lower Gallup Sands								25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, Borehole Compensated Sonic and Cement Bond Logs								27. WAS WELL CORED 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				
7", J-55	20	131.9'	8-3/4"	See Attachment A	None				
4-1/2", J-55	10.5	1732.47'	6-1/4"	See Attachment A	None				
29. LINER RECORD				30. TUBING RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
					2-3/8"	1613'			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
1476', 1477', 1481', 1482', 1485', 1486', 1488', 1495', 1569', 1571', 1576', 1578', 1580', 1581', 1586', 1588', 1593' & 1595' 18 holes at 0.31"				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
				1476' to 1595'		500 gallons 15% HCl			
						58,000# 12/20 Brady sand in			
						522 barrels 30# linear gel			
33. PRODUCTION									
DATE OF FIRST PRODUCTION 6/20/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping w/ 1-1/2" rod pump				WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 7/9/97	HOURS TESTED 24	CHOKE SIZE	PROD' N. FOR TEST PERIOD	OIL - BBL. 2.4	GAS - MCF. 2	WATER - BBL. 18		GAS - OIL RATIO 833	
FLOW. TUBING PRESS. 55	CASING PRESSURE 10	CALCULATED 24 - HOUR RATE	OIL - BBL. 2	GAS - MCF. 2	WATER - BBL. 18		OIL GRAVITY - API (CORR.) 39		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be used on lease							TEST WITNESSED BY		
35. LIST OF ATTACHMENTS Attachment A									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED 				TITLE Production Engineer			DATE 7/14/97		

* (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.



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Northeast Hogback Unit Well No. 57
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