

Submit 3 Copies to Appropriate

District Office

DISTRICT I

1625 n. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-045-24814

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Federal #30744

(Also filed on BLM form 3160-5
Federal Lease # NMNM-0359211)

8. Well No.

9. Pool name or Wildcat
Basin-Fruitland Coal

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator

Dominion Oklahoma Texas E&P Inc.

3. Address of Operator

14000 Quail Springs Parkway - Suite 600 - Oklahoma City, OK 73134

4. Well Location

Unit letter P 990' feet from the South line and 990' feet from the East line.

Section 30 Township 27N Range 11W NMPM San Juan County

10. Elevation (Show whether DR, RKB, RT, Gr, etc.)
6169'

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: Down Hole Comingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Dominion request permission to comingle production downhole with the existing Basin Fruitland Coal and the West Kutz-Pictured Cliffs as follows:
Drill out the CIBP's @ 1580' & 1703'. Comingle the Pictured Cliffs 1708' - 14' & the Fruitland Coals 1630' - 45' & 1678' - 88'. Run 2 3/8" tbg. to 1720', set pump unit. Run 3/4" rods and pump.

The Basin Fruitland Coal (71629) & the West Kutz-Pictured Cliffs (79680) Pools are pre-approved for downhole commingling per NMOCD order R-11363. The working, overriding, and royalty interest owners in the proposed commingled pools are identical, therefore, no notification of this application need be submitted via certified mail (return receipt).

Dominion recommends volumetric analysis be used as the basis for the production allocation. Fruitland Coal 95% and Pictured Cliffs 5%. Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

DHC 1170 AZ

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carla Christian TITLE Regulatory Specialist DATE 04/02/03

Type or print name Carla Christian

Telephone No. 405-749-5263

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #1

Conditions of approval, if any:

APR 4 2003

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-24814		² Pool Code 79680		³ Pool Name West Kutz-Pictured Cliffs	
⁴ Property Code Federal 30		⁵ Property Name Dominion Oklahoma Texas E&P, Inc.			⁶ Well Number 44
⁷ OGRID No. 025773		⁸ Operator Name Dominion Oklahoma Texas E&P, Inc.			⁹ Elevation 6169'

¹⁰ Surface Location

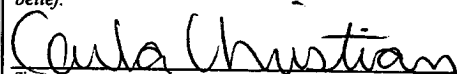
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
p	30	27N	11W		990'	South	990'	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

16				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Carla Christian Printed Name Regulatory Specialist Title April 2, 2003 Date
				¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Dominion Exploration & Production

Federal 30-44

3-26-03

Prop. No. 402202.001

A.P.I. # 30-045-24814

SEC 30-27N-11W

West Kutz Field

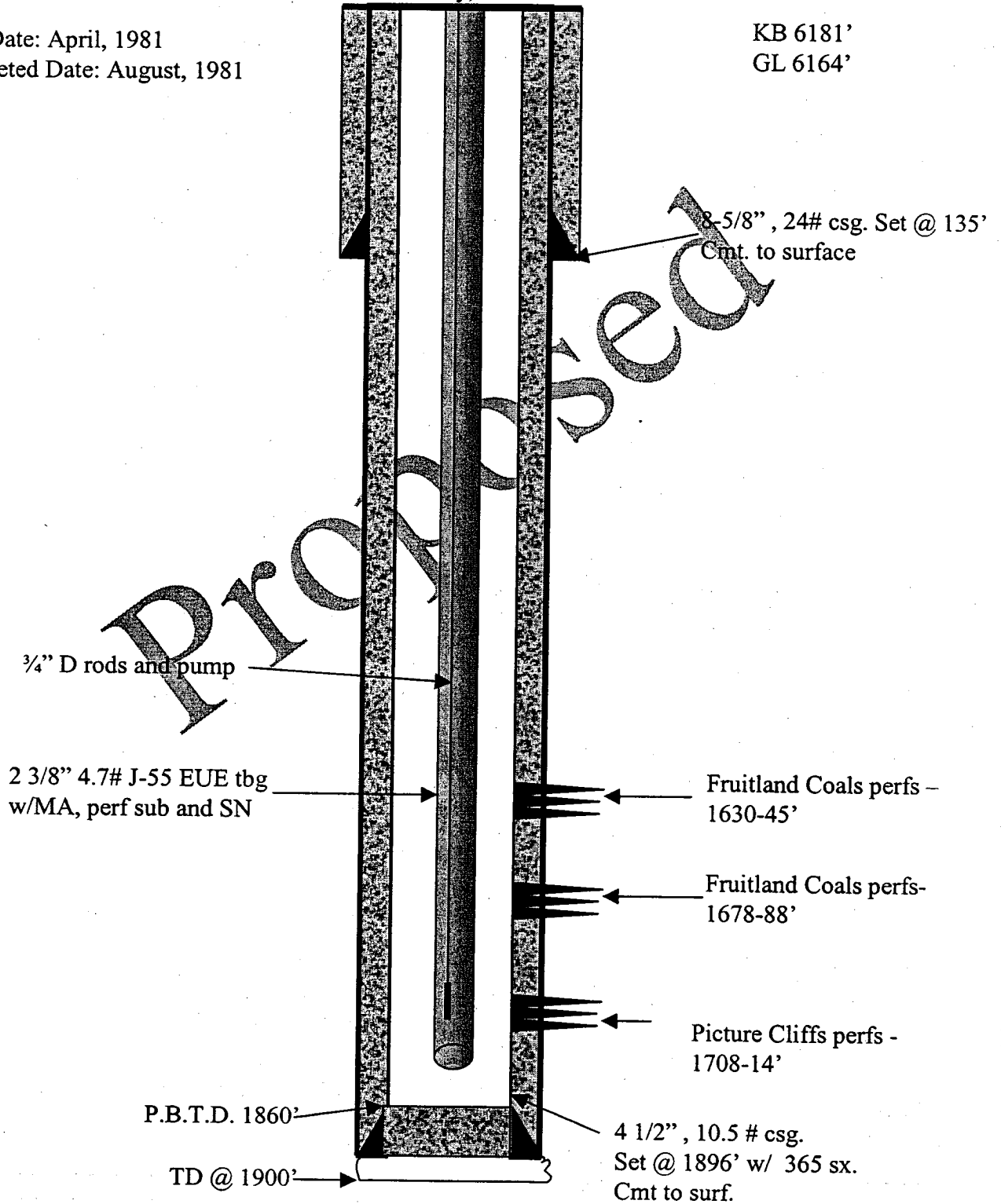
San Juan County, New Mexico

Spud Date: April, 1981

Completed Date: August, 1981

KB 6181'

GL 6164'



Dominion Exploration & Production

Federal 30-44

3-26-03

Prop. No. 402202.001

A.P.I. # 30-045-24814

SEC 30-27N-11W

West Kutz Field

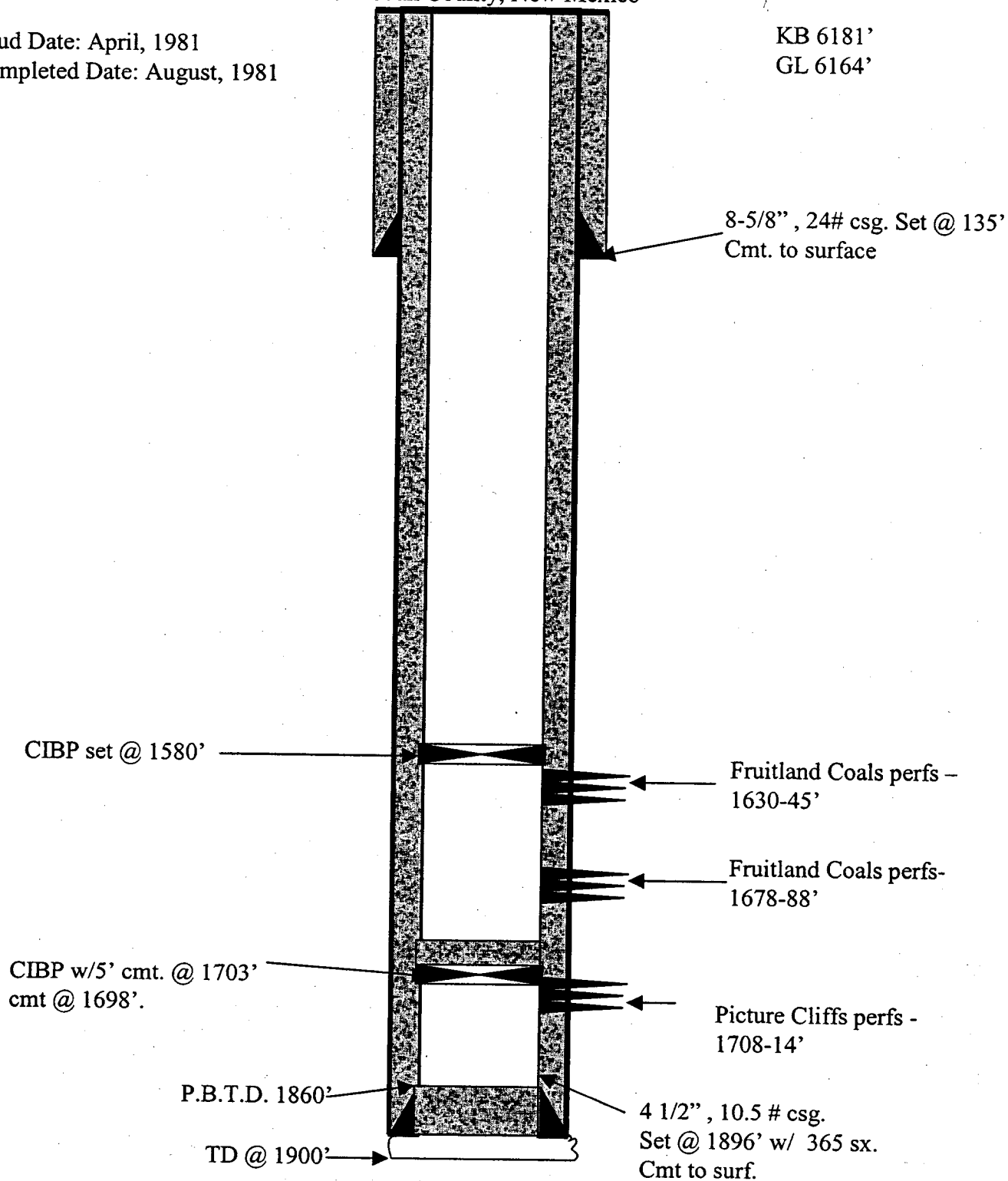
San Juan County, New Mexico

Spud Date: April, 1981

Completed Date: August, 1981

KB 6181'

GL 6164'



DOMINION E & P GAS VOLUMETRICS

API #:				
WELL NAME:	FEDERAL 30-44			GAS Gh
OPERATOR :	DOTAPI			Tchc =
LEGAL :	30-27N-11W 990 FSL 990 FEL\			Pchc =
COUNTY :	SAN JUAN			CWA =
STATE :	NM			
FORMATION:	FRUITLAND COAL			
FIELD NAME:	BASIN			Z =
Reserve Cat:	PNP - SI			
Interval top, ft:	1630	-243 KB	1387	
Interval base, ft:	1688	DF		
Datum, MPP, ft:	1659	GR		
Temp grad, deg/100 ft:	1.28 U PERF:	1630	-243	
Mean Surface Temp:	60 L PERF:	1688	-301	
Pressure grad, psi/ft	0.433			
Atmospheric, psi:	14.65			

Input variables		Source	Calculated Variables	
GAS GRAVITY	0.57		Tc = 346.25	pro =
% N2	1.00 %		Pc = 673.79	f(pr) =
% CO2	0.50 %		Tc' = 345.26	f(pr)' =
% H2S	0.00 %		Pc' = 671.86	pro' =
CONDENSATE (YES=1)	0		Tr = 1.571	Z
RES. TEMPERATURE	81 'F		Pri = 0.298	200 0.9746
INITIAL PRESSURE (grad)	733 psia		Pra = 0.074	50 0.9936
INITIAL PRESSURE (used)	200 psia		Zi = 0.9746	
ABANDONMENT PRES	50 psia		Za = 0.9936	
GROSS INTERVAL	58 feet		SCFi/rcf = 13	
NET PAY (wellbore)	15 feet			
NET PAY (drainage area)	10 feet	logs		
ACRES	160 acres			
COAL DENSITY, g/cc	1.35 gm/cc	DAF		
GAS CONTENT (ash free)	287.00 scf/ton	Regional average, DAF		
RECOVERY FACTOR	65.00 %	assumed		
MCF/AC-FT	526.57			
GAS IN PLACE	842,516 MCF			
RECOVERABLE GAS	547,635 MCF			

GAS IN PLACE	MCF	MATERIAL BALANCE
NET PAY	10 feet	GIVEN
ACRES (P/Z)	0 acres	CALCULATED

RECOVERABLE GAS	500,000	RATE-TIME
NET PAY (wellbore)	10 feet	GIVEN
ACRES (R/T)	146	CALCULATED

952

Production Tests	Date	Gas	Oil/Cond	Water	FTP	ck lowtime	SITP	BHP
Stimulation	ymody	mcfpd	bopd	bwpd	psig	64ths hours	psig	psig
Reservoir Properties	Test	Date	Interval	k	skin	kair	phi	Sw
Source	type	ymody	ft	md	s	md	%	%
								rhom
								g/cc

COMMENT:

Schlumberger

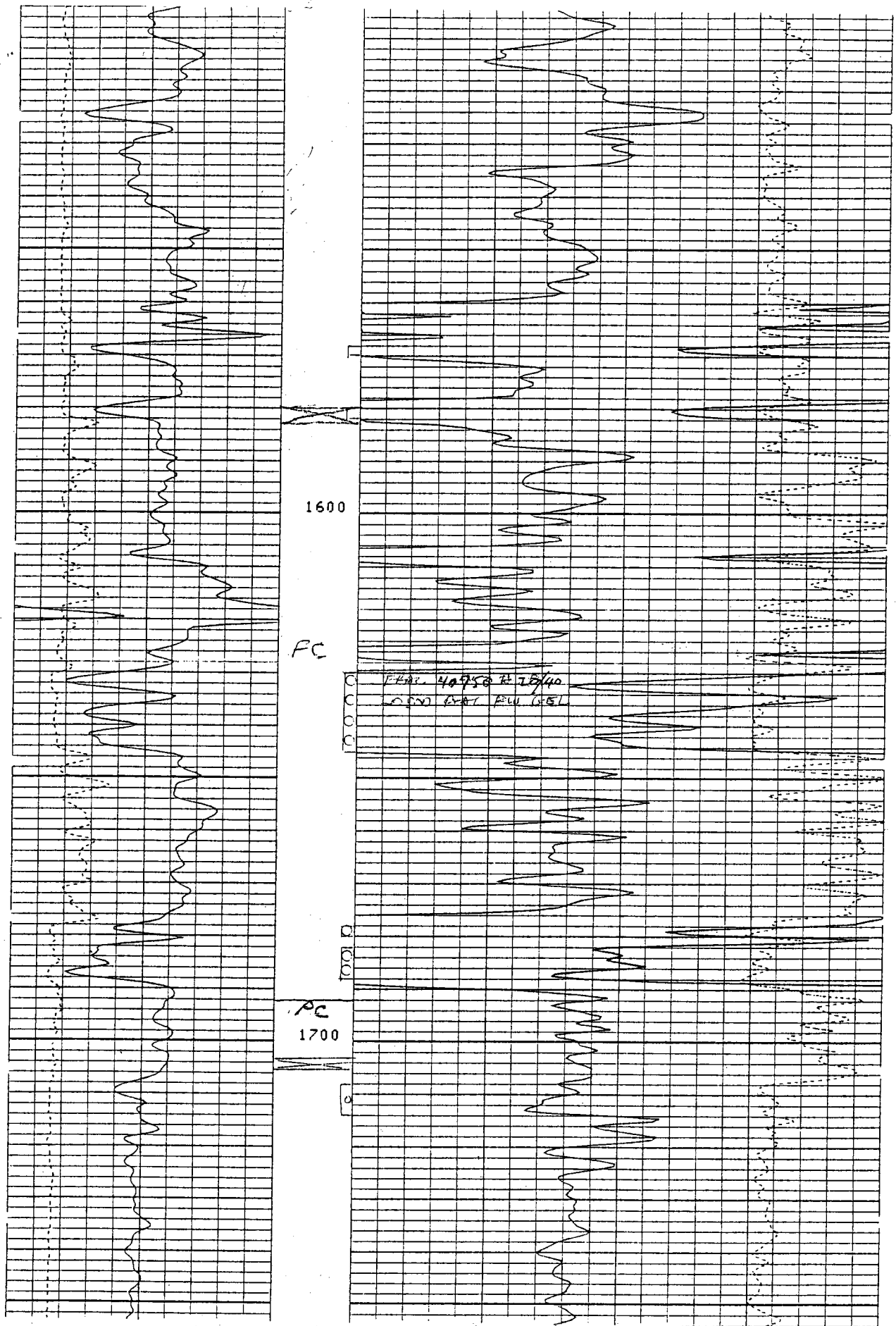
SIMULTANEOUS
COMPENSATED NEUTRON-
FORMATION DENSITY

COUNTY <u>SAN JUAN, NM</u>		COMPANY <u>DEPCO INC.</u>	
FIELD <u>WEST KUTZ</u>		WELL <u>FEDERAL 30 #44</u>	
LOCATION <u>FEDERAL 30 #44</u>		COUNTY <u>SAN JUAN</u> STATE <u>NEW MEXICO</u>	
WELL <u>FEDERAL 30 #44</u>		FIELD <u>WEST KUTZ</u>	
COUNTY <u>SAN JUAN</u>		STATE <u>NEW MEXICO</u>	
LOCATION <u>990' FSL & 990' FEL</u>		Other Services: <u>DIL</u>	
API SERIAL NO. <u>30</u>		SEC <u>27-N</u> TWP <u>11-W</u> RANGE	
Permanent Datum: <u>GL</u> Elev: <u>6169</u>		Elev: <u>KB 6181</u>	
Log Measured From: <u>KB</u> 12 ft. Above Perm. Datum		D.F. <u>6180</u>	
Drilling Measured From: <u>KB</u>		G.L. <u>6169</u>	
Date	4-6-81		
Run No.	ONE		
Depth-Driller	1910		
Depth-Logger	1912		
Blm. Log Interval	1880		
Top Log Interval	150		
Casing-Driller	8 5/8 @ 140		
Casing-Logger	150		
Bit Size	7 7/8		
Type Fluid in Hole	GEL-CHEM		
Dens. Visc	9.1 150		
pH	8.0		
Fluid Loss	10.2 ml		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp.	4.39 @ 70 °F		
Rmf @ Meas. Temp.	4.38 @ 70 °F		
Rmc @ Meas. Temp.	@ °F		
Source: Rmf Rmc	M @ °F		
Rm @ BHT	2.9 @ 109 °F		
Circulation Stopped	1400		
Logger on Bottom	1600		
Max. Rec. Temp.	109 °F		
Equip. Location	8206 FARM		
Recorded By	BAIR		
Witnessed By	CRUM		

FILE

7

CALI(IN)		DRHO(G/C3)	
6.000	16.00	-0.250	0.2500
GR (GAPI)		RHOB(G/C3)	
0.0	200.0	2.000	3.000
PARAMETERS			
NAME	UNIT	VALUE	NAME UNIT VALUE
HC		CALI	PSNR 2.215
MDEN	G/C3	2.650	FD G/C3 1.000
DSEC	MM/M	8.200	BHF WATE
MSEC	MM/M	4.300	SBR OHMM 1.000
DO		0.0	BHS OPEN
			BS INCH 7.875
			MATR SAND
			FPHI PHIX



1600

PC

Frac. 40750 H 18/40

CON. 1547 PW 1051

PC

1700

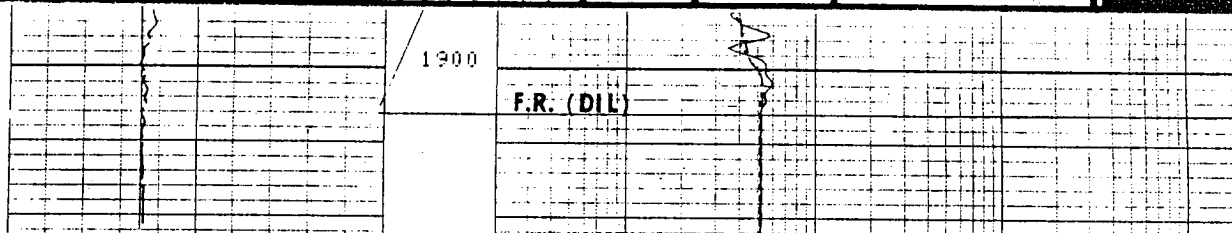
L405

1175

Schlumberger

DUAL INDUCTION-SFL
WITH LINEAR CORRELATION LOGCOUNTY SAN JUAN, NM
FIELD WEST KUTZ
LOCATION FEDERAL 30 #44
WELL
COMPANY DEPCO INC.COMPANY DEPCO INC.
WELL FEDERAL 30 #44
FIELD WEST KUTZ
COUNTY SAN JUAN STATE NEW MEXICO
LOCATION 990' FSL & 990' FEL
API SERIAL NO. SEC TWP RANGE
30 27-N 11-W
Other Services:
CNL/FDCPermanent Datum: GL
Log Measured From KB
Drilling Measured From KB
Elev. 6169
12 ft. Above Perm. DatumElev. K.B. 6181
D.F. 6180
G.L. 6169

Date	4-6-81				
Run No.	ONE				
Depth-Driller	1910				
Depth-Logger	1912				
Bin. Log Interval	1906				
Top Log Interval	150				
Coring-Driller	8 5/8 @ 140		@		@
Coring-Logger	150				@
Bit Size	7 7/8				
Type Fluid in Hole	GEL-CHEM				
Dens. Vic.	9.1 150				
pH Fluid loss	8.0 10.2			ml	
Source of Sample	FLOWLINE				ml
Rm @ Meas. Temp.	4.39 @ 70°F		@		@
Rmt @ Meas. Temp.	4.38 @ 70°F		@		@
Rmc @ Meas. Temp.	@		@		@
Source: Rmt Rmc	M				
Rm @ BHT	2.91 @ 109°F		@		@
Circulation Stopped	1400				
Logger on Bottom	1600				
Max. Rec. Temp.	109				
Log Location	8206 FARM				
Log By	BAIR				
Log By	CRUM				



SP (MV)	0.0	ILD (QHMM)	0.2000	2000.
GR (GAPI)	0.0	ILM (QHMM)	0.2000	2000.
	200.0	SFLU (QHMM)	0.2000	2000.

PARAMETERS

NAME	UNIT	VALUE
HC		CALI
MDEN	G/C3	2.650
DSEC	MM/M	8.200
MSEC	MM/M	4.300
DO		0.0

NAME	UNIT	VALUE
PSNR		2.215
FD	G/C3	1.000
BHF		WATE
SBR	QHMM	1.000
BHS		OPEN

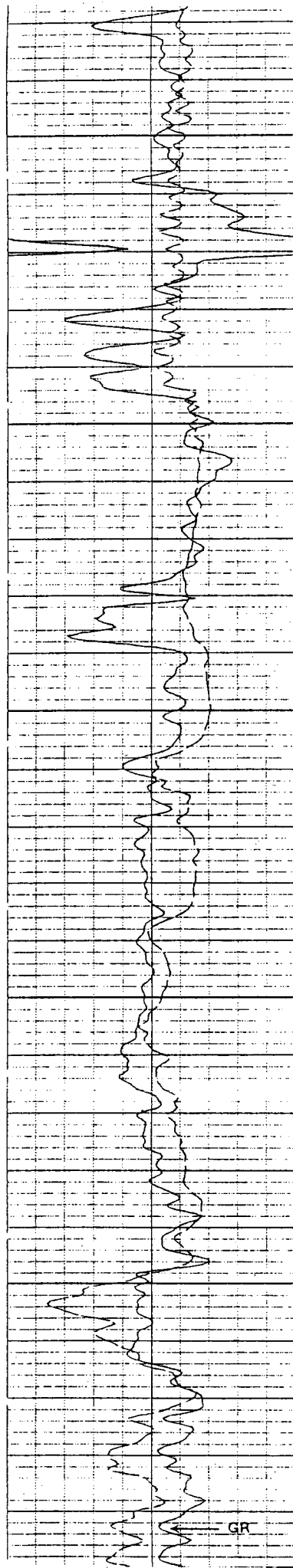
NAME	UNIT	VALUE
BS	INCH	7.875
MATR		SAND
FPHI		PHIX

PARAMETERS

NAME UNIT VALUE

NAME UNIT VALUE

NAME UNIT VALUE



1600

0000

FLAT

40750 H. SD

20500 GAL FWI. FL

0000

FRAS R 2

SWIFT - 0 SD

0000

FRAT R 1

8000 gal. ROM. (140)

40750 H. SD - SWIFT. DOWN

PRESSURE @ 2000

1700

0000

W-L-BP. 1/2 SK Gmt

1800

LD

GR

LM

GFL

DOMINION E & P GAS VOLUMETRICS

API #:
WELL NAME: FEDERAL 30-44
OPERATOR : DOTEPI
LEGAL : 30-27N-11W 990 FSL 990 FEL\
COUNTY : SAN JUAN
STATE : NM
FORMATION: PICTURED CLIFFS ✓
FIELD NAME: KUTZ WEST
Reserve Cat: PNP - SI
Interval top, ft: 1692 4489 KB 6181
Interval base, ft: 1725 DF 6180
Datum, MPP, ft: 1708.5 GR 6169
Temp grad, deg/100 ft: 1.28
Mean Surface Temp: 60 U PERF: 1708 4473
Pressure grad, psi/ft: 0.433 L PERF: 1714 4467
Atmospheric, psi: 14.65

Input variables

Calculated Variables

GAS GRAVITY	0.65	Tc =	370.23						
% N2	0.40 %	Pc =	669.85						
% CO2	0.60 %	Tc' =	369.07						
% H2S	%	Pc' =	667.74						
CONDENSATE (YES=1)	1	Tr =	1.471						
RES. TEMPERATURE	82 'F	Pri =	0.300						
INITIAL PRESSURE (grad)	450 psia	Pra =	0.075						
INITIAL PRESSURE (used)	200 psia	Zi =	0.9682						
ABANDONMENT PRES	50 psia	Za =	0.9921						
GROSS PAY	33 feet	SCFi/rcf =	14						
NET PAY (wellbore)	4 feet								
NET PAY (drainage area)	4 feet								
ACRES	160 acres								
WATER SAT	45.00 %	DPHI	18	NPHI	26	Rt	Rw	a	m
POROSITY	18.00 %					6	0.111	1	2
							Rw @		
							0.12		
							Tref, F		
							75		

MCF/AC-FT	44.03	
GAS IN PLACE	37,275 MCF	VOLUMETRIC
RECOVERABLE GAS	28,180 MCF	
RECOVERY	75.60 %	

GAS IN PLACE	0 MCF	MATERIAL BALANCE
NET PAY	4 feet	GIVEN
ACRES (P/Z)	0 acres	CALCULATED

RECOVERABLE GAS	26,250	RATE-TIME	✓	5 2
NET PAY (wellbore)	4 feet	GIVEN		
ACRES (R/T)	149	CALCULATED		

Production Tests	Date	Gas	Oil/Cond	Water	FTP	ck lowtime	SITP	BHP
Stimulation	ymrody	mcfpd	bopd	bw pd	psig	64ths hours	psig	psig
Reservoir Properties	Test	Date	Interval	k	skin	kair	phi	Sw
Source	type	ymrody	ft	md	s	md	%	%
								rhom
								g/cc

Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-
FORMATION DENSITYCOUNTY SAN JUAN, NM
FIELD WEST KUTZ
LOCATION FEDERAL 30 #44
WELL
COMPANY DEPCO INC.COMPANY DEPCO INC.
WELL FEDERAL 30 #44
FIELD WEST KUTZ
COUNTY SAN JUAN STATE NEW MEXICO
LOCATION 990' FSL & 990' FEL
API SERIAL NO. 30 SEC. 27-N TWP. 11-W RANGE
Other Services: DILPermanent Datum: GL Elev: 6169
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KBElev: KB 6181
D.F. 6180
GL 6169

Date	4-6-81			
Run No.	ONE			
Depth-Driller	1910			
Depth-Logger	1912			
Blm. Log Interval	1880			
Top Log Interval	150			
Casing-Driller	8 5/8@ 140	@	@	@
Casing-Logger	150			
Bit Size	7 7/8			
Type Fluid in Hole	GEL-CHEM			
Dens. Visc.	9.1 150			
pH	8.0 10.2ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	4.39 @ 70 °F	@	@	@
Rmt @ Meas. Temp.	4.38 @ 70 °F	@	@	@
Rmc @ Meas. Temp.	@	@	@	@
Source: Rmt Rmc	M.			
Rm @ BHT	2.9 @ 109 °F	@	@	@
Circulation Stopped	1400			
Logger on Bottom	1600			
Max. Rec. Temp.	109 °F			
Equip. Location	8206 FARM			
Recorded by	BAIR			
Witnessed by	CRUM			

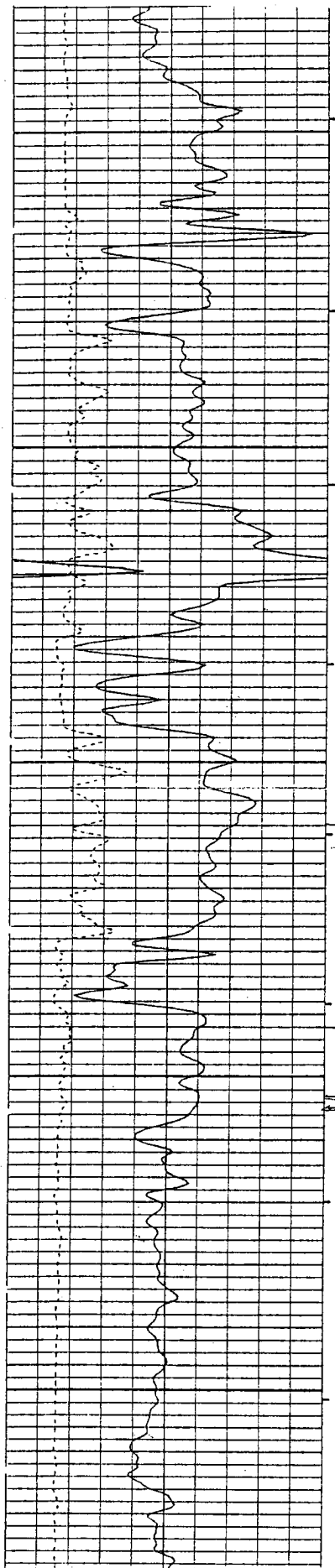
FILE

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CALI(IN)			DPHI()	
6.000	16.00		0.3000	-0.100
GR (GAPI)			NPHI()	
0.0	200.0		0.3000	-0.100

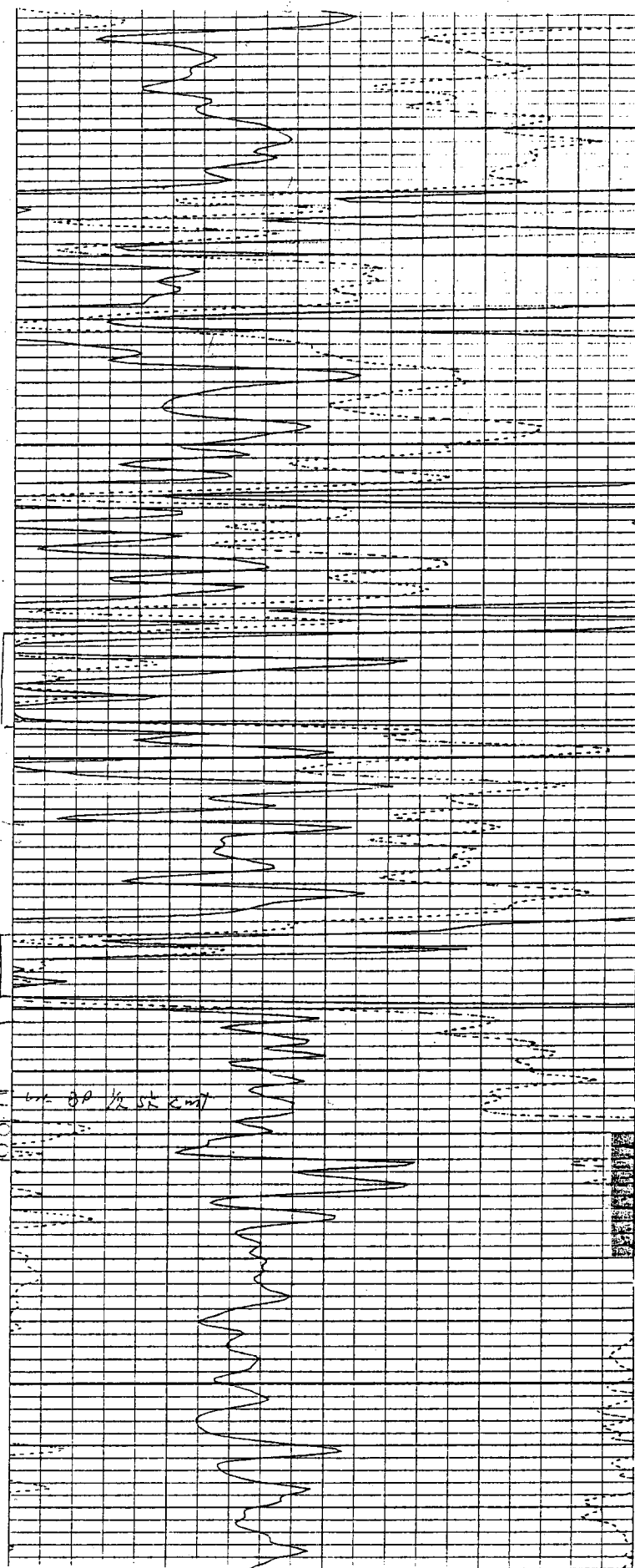
PARAMETERS								
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
HC		CALI	PSNR		2.215	BS	INCH	7.875
MDEN	G/C3	2.650	FD	G/C3	1.000	MATR		SAND
DSEC	MM/M	8.200	BHF		WATE			
MSEC	MM/M	4.300	SBR	OHMM	1.000			
DO		0.0	BHS		OPEN	FPHI		PHIX

PARAMETERS



1600

PC
1700



4- 02 1/2 5K 2-17

ϕ_0

ϕ_n

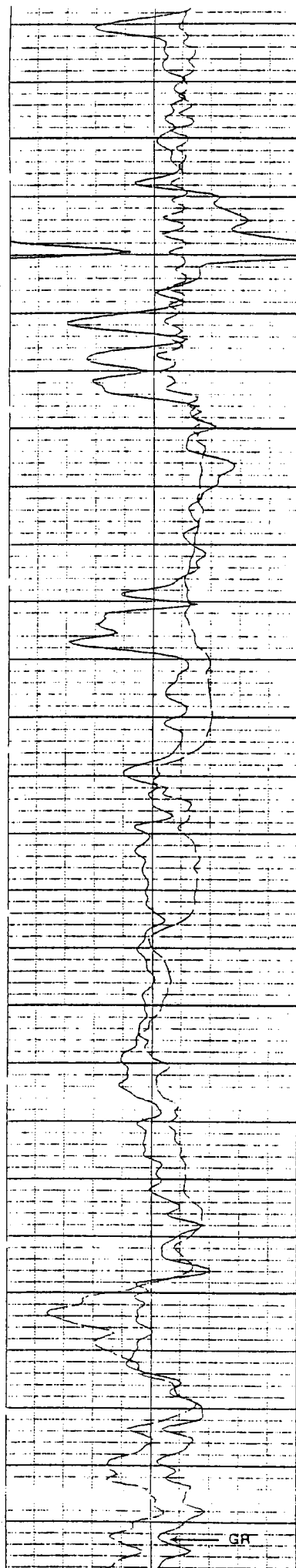
DUAL INDUCTION-SFL
WITH LINEAR CORRELATION LOG

[illegible]

7

PARAMETERS			PARAMETERS			PARAMETERS		
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
HC		CALI	PSNR		2.215	BS	INCH	7.975
MDEN	G/CC	2.650	FD	G/CC	1.000	MATR		SAND
DSEC	MM/M	8.200	BHF		WATE			
MSEC	MM/M	4.300	SBR	OHMM	1.000			
DO		0.0	BHS		OPEN	FPHI		PHIX

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
------	------	-------	------	------	-------	------	------	-------



1600

FLUP
40770 H SD
20500 GAL FUI. 62

1700

FRAC P 2
STRT = 0 SD
FRAC P 1
8000 gal down P 40
40770 H SD - SWIFT. 100 IN PRESSURE 21000
W-L-BP. 1/2 sk out

1800

LD

GR

ILM

SFL

