

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
320 South St. Francis Dr.
Santa Fe, NM 87505

Form C-107
Revised June 10, 2003

Filing Instructions
At Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Yates Petroleum Corporation

105 S. Fourth Street

Artesia, New Mexico 88210

Operator

Address

Mosley Canyon BIA State Com

#1

I

5-24E-25E

Eddy

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Wildcat; Wolfcamp		Baldrige Canyon; Morrow
b. Top and Bottom of Pay Section (Perforations)	9,470-9,482'		10,702-11,122'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production ☐ Actual ☐ Estimated Oil Bbls. Gas MCF Water Bbls.	Gas Allocation % will be submitted when completed		Gas Allocation % will be submitted when completed

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature _____

Printed Name & Title _____

E-mail address _____

Date 11/28/06

Telephone (505) 748-4361

OIL CONSERVATION DIVISION

Approved by **BRYAN G. ARRANT**

Title **DISTRICT II GEOLOGIST**

Date

DEC 07 2006

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

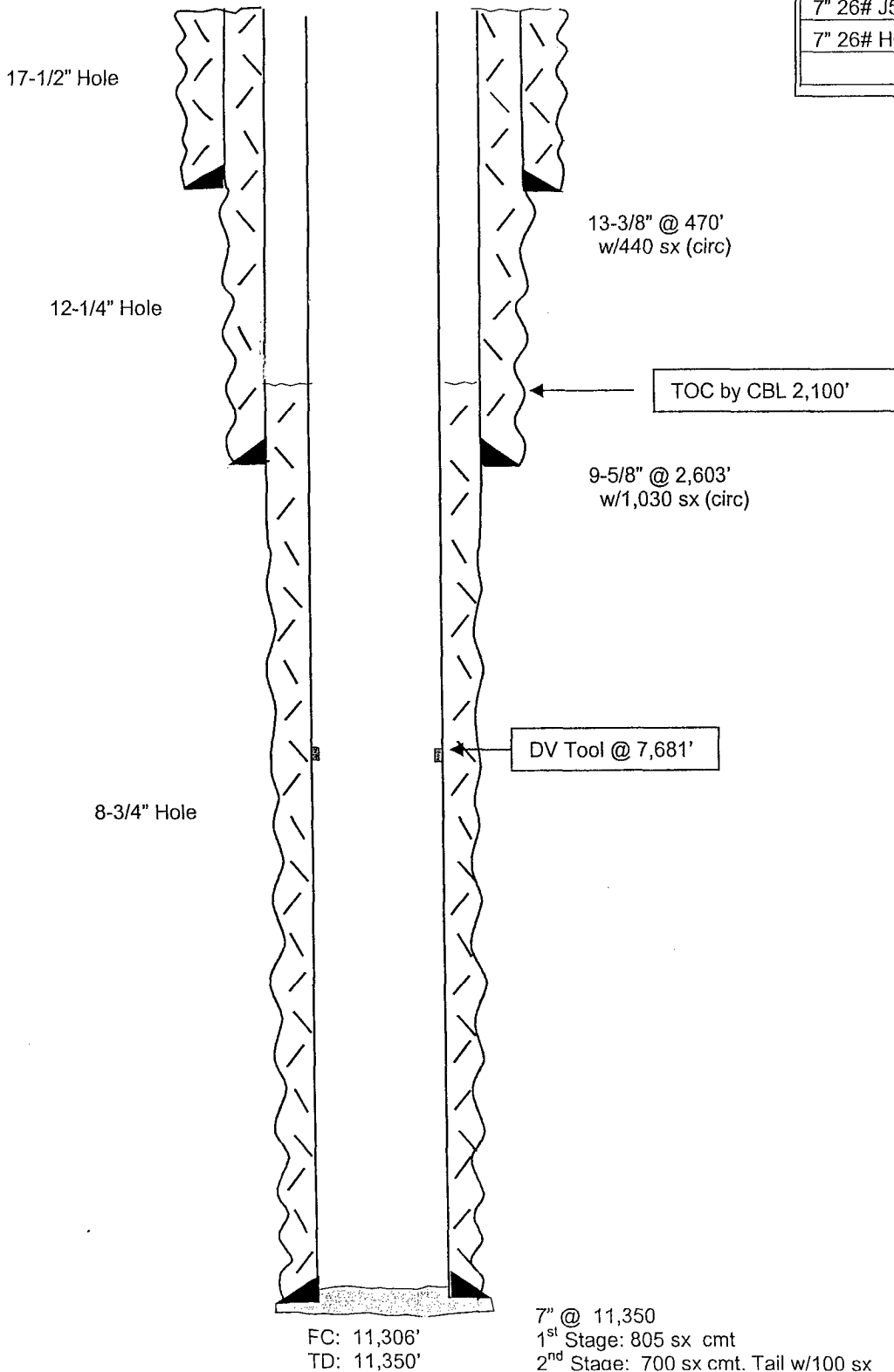
FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

WELL NAME: Mosley Canyon BIA State Com #1 FIELD: _____
 LOCATION: 660' FNL & 660' FEL Sec 5-24S-25E Eddy County
 GL: 3,814' ZERO: _____ KB: _____
 SPUD DATE: _____ COMPLETION DATE: _____
 COMMENTS: API No.: 30-015-35098

CASING PROGRAM

13-3/8" 48# H40 ST&C	470'
9-5/8" 36#, 40# J55 ST&C	2,603'
7" 26# L80 2,141'	
7" 26# J55 4,668'	
7" 26# HCP110 4567'	11,350



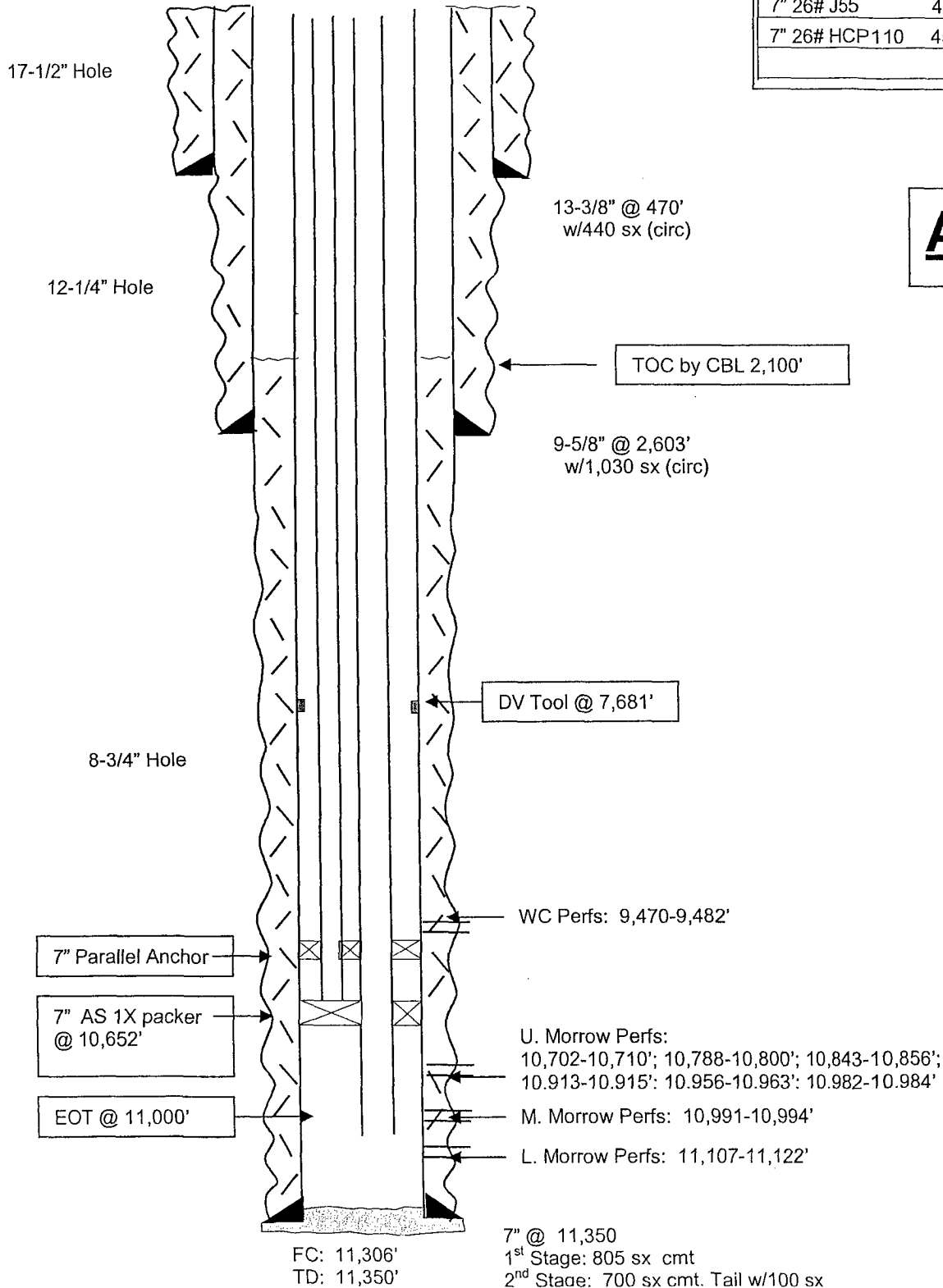
Before

NOT TO SCALE
 11/28/06
 DC/Moss

WELL NAME: Mosley Canyon BIA State Com #1 FIELD: _____
 LOCATION: 660' FNL & 660' FEL Sec 5-24S-25E Eddy County
 GL: 3,814' ZERO: _____ KB: _____
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 COMMENTS: API No.: 30-015-35098

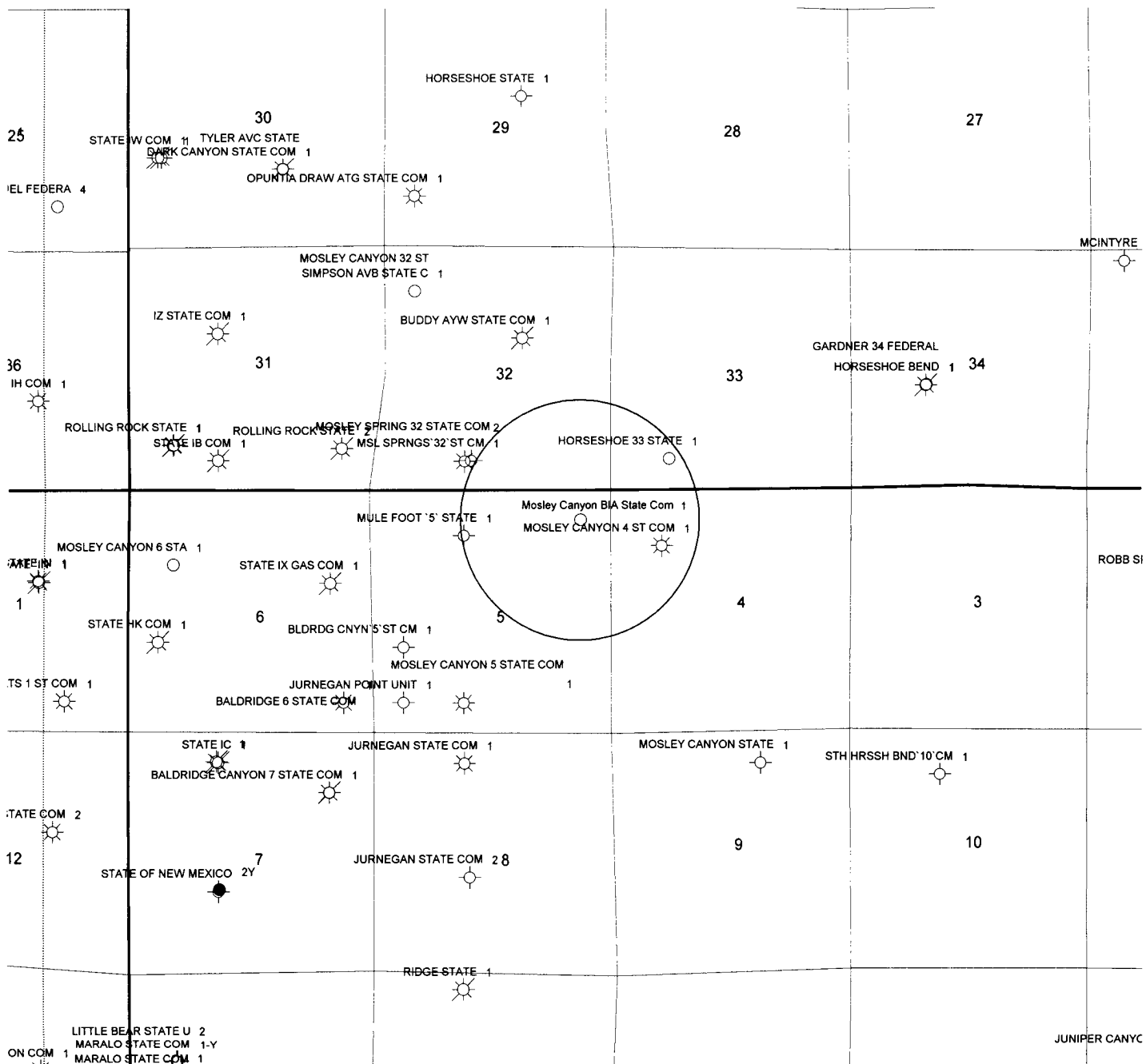
CASING PROGRAM

13-3/8" 48# H40 ST&C	470'
9-5/8" 36#, 40# J55 ST&C	2,603'
7" 26# L80	2,141'
7" 26# J55	4,668'
7" 26# HCP110	4567'
	11,350



After

NOT TO SCALE
 11/28/06
 DC/Moss



Y A T E S P E T R O L E U M

M o s l e y C a n y o n B I A S t a t e C o m # 1

A u t h o r :
D e b b i e C h a v e z

D a t e :
2 9 N o v e m b e r , 2 0 0 6

S h a n n o n M o s s

WELL: Mosley Canyon BIA State Com #1

FIELD: Wildcat

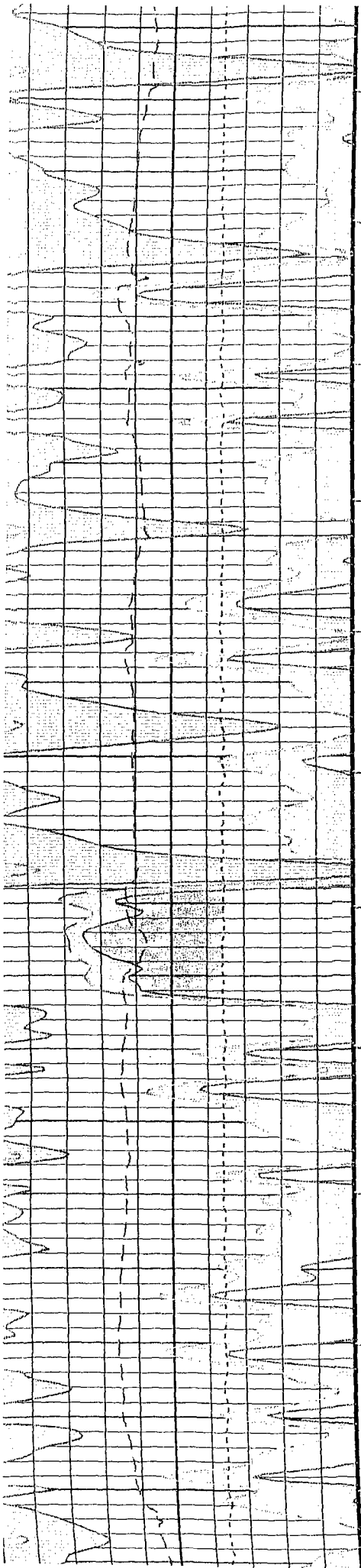
County: Eddy State: New Mexico

Schlumberger
Platform Express
Hi-Res Laterolog Array
Micro-CFL / HNGS

Field: Wildcat
Location: 660' FNL & 660' FEL
Well: Mosley Canyon BIA State Com
Company: Yates Petroleum Corporation

LOCATION		Elev.: K.B. 3657 ft G.L. 3640 ft D.F. 3656 ft	
660' FNL & 660' FEL			
Permanent Datum:	Ground Level		
Log Measured From:	Kelly Bushing		
Drilling Measured From:	Kelly Bushing		
APL Serial No. 30-015-35098	Section 5	Township 24S	Range 25E

Logging Date	21-Nov-2006		
Run Number	One		
Depth Driller	11350 ft		
Schlumberger Depth	11360 ft		
Bottom Log Interval	11357 ft		
Top Log Interval	2589 ft		
Casing Driller Size @ Depth	9.625 in @ 2603 ft		
Casing Schlumberger	2589 ft		
Bit Size	8.750 in		
Fluid In Hole	Brine		
Density	Viscosity	29 s	
Fluid Loss	PH	10.5	
Source Of Sample	Circulation Tank		
RM @ Measured Temperature	0.058 ohm.m @ 75 degF		
RMF @ Measured Temperature	0.049 ohm.m @ 78 degF		
RMC @ Measured Temperature	@ @		
Source RMF	Measured		
RM @ MRT	0.027 @ 165 0.024 @ 165		
Maximum Recorded Temperatures	165 degF		
Circulation Stopped	21-Nov-2006 12:00		
Logger On Bottom	21-Nov-2006 23:30		
Unit Number	3178 Roswell		
Recorded By	Carl Lea		
Witnessed By	John Humphrey		

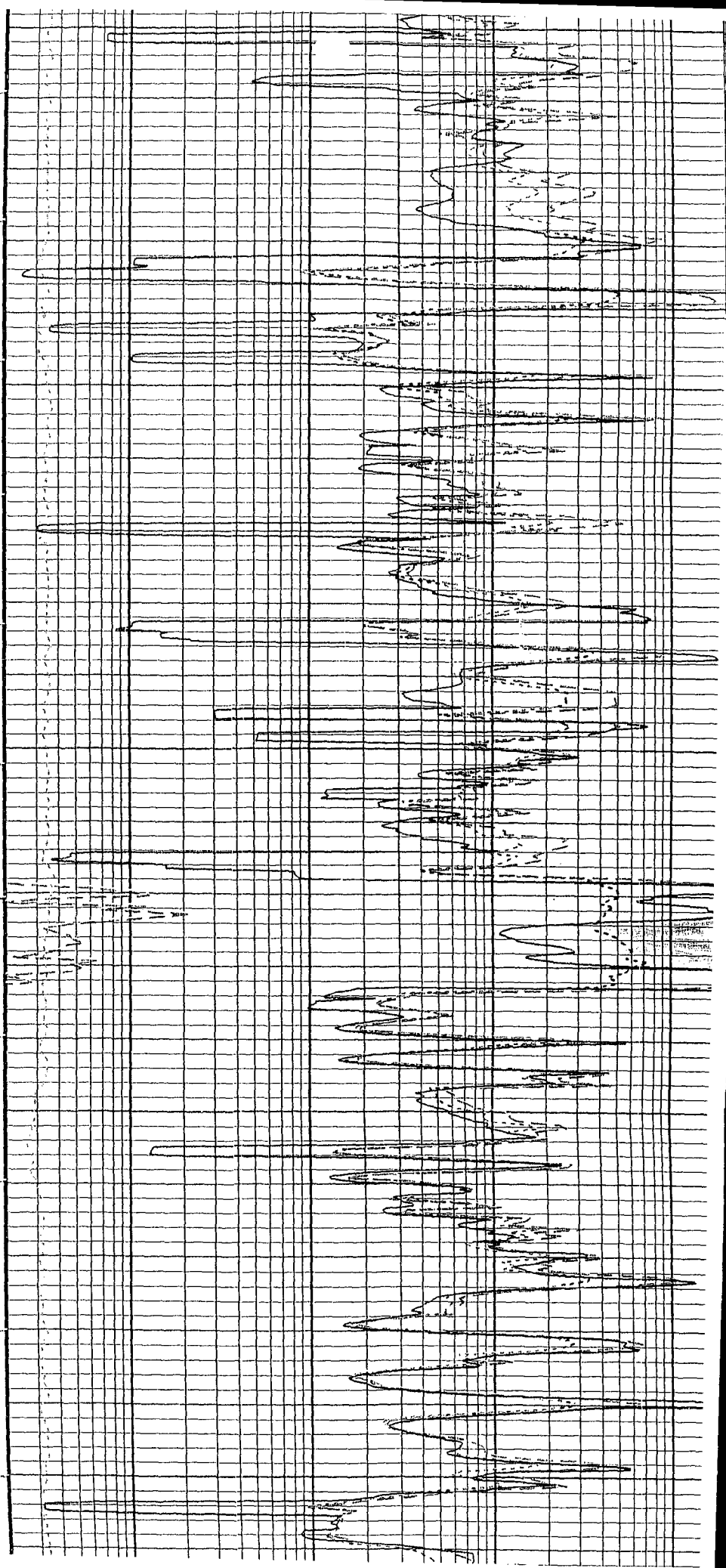


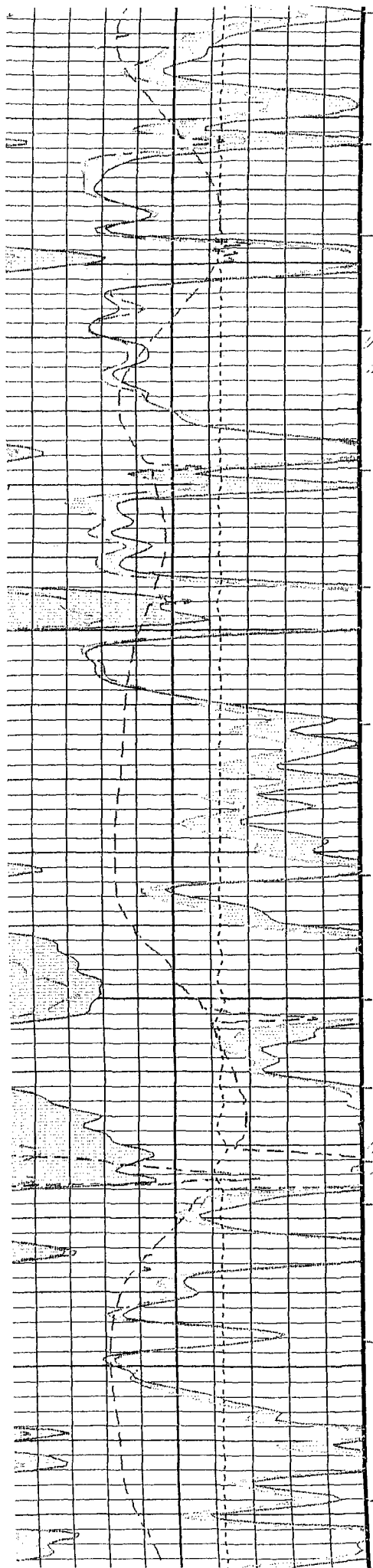
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Inner
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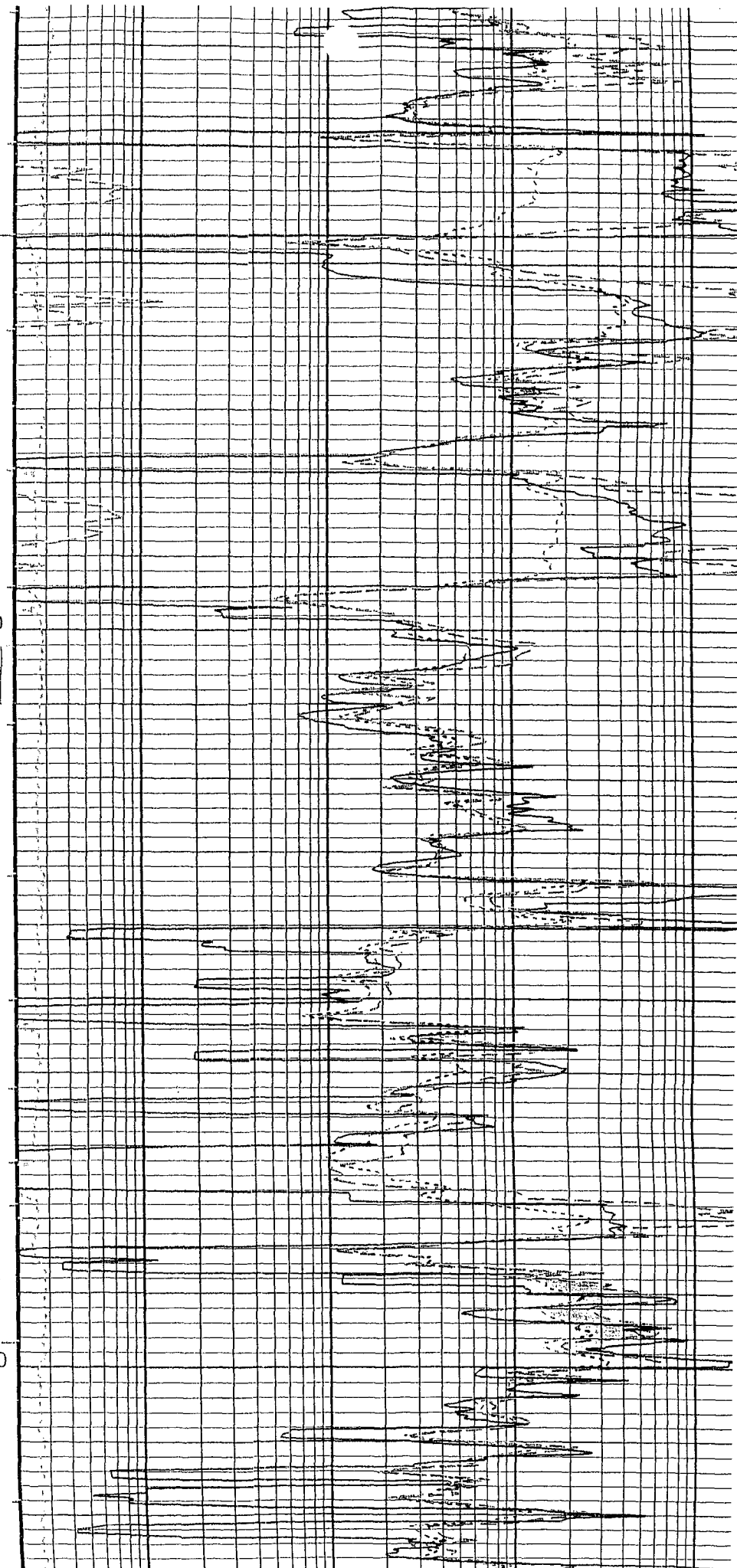
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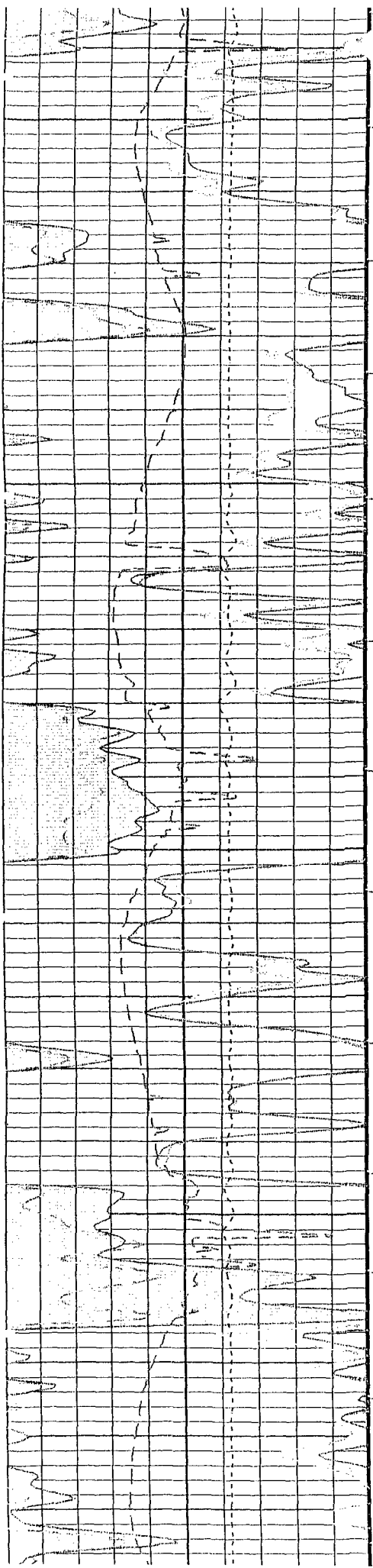
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Inner
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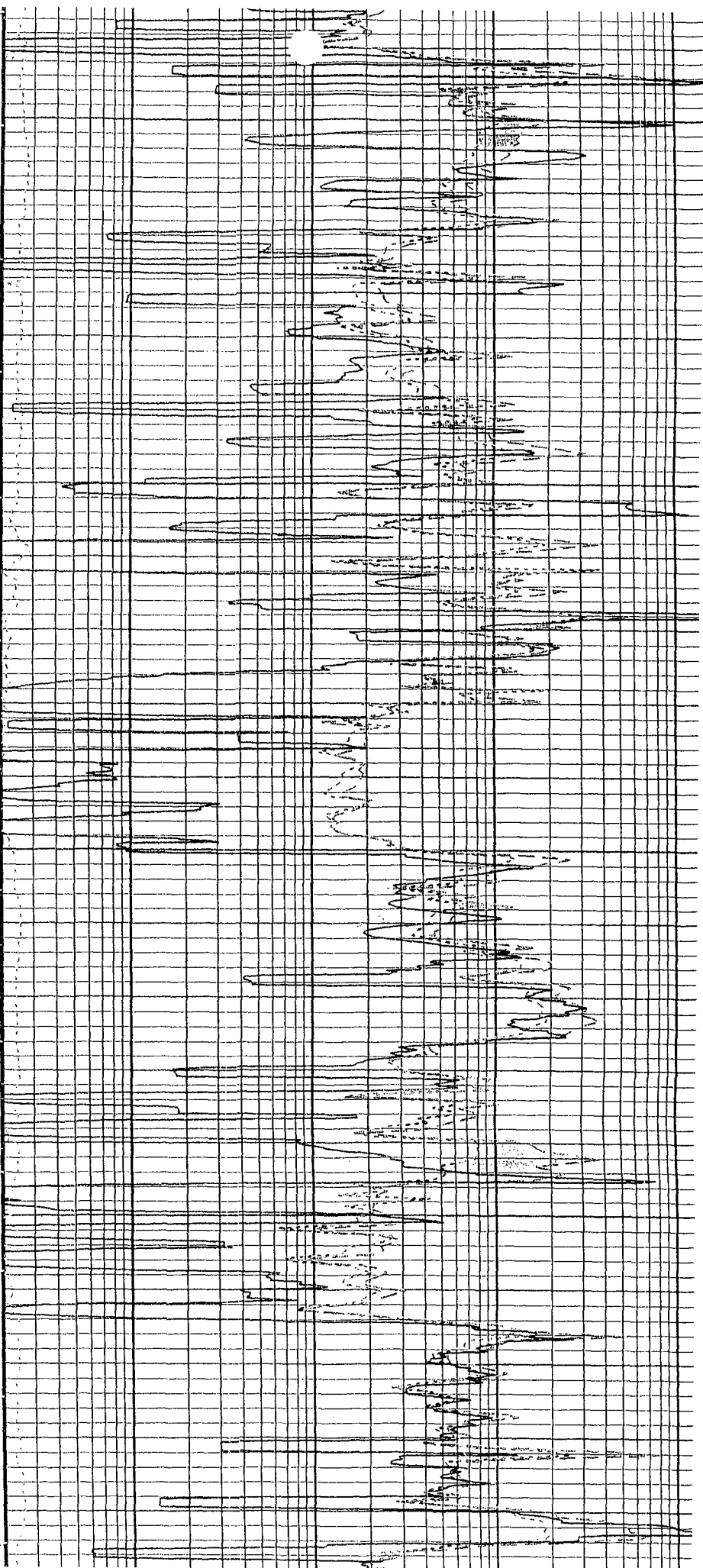
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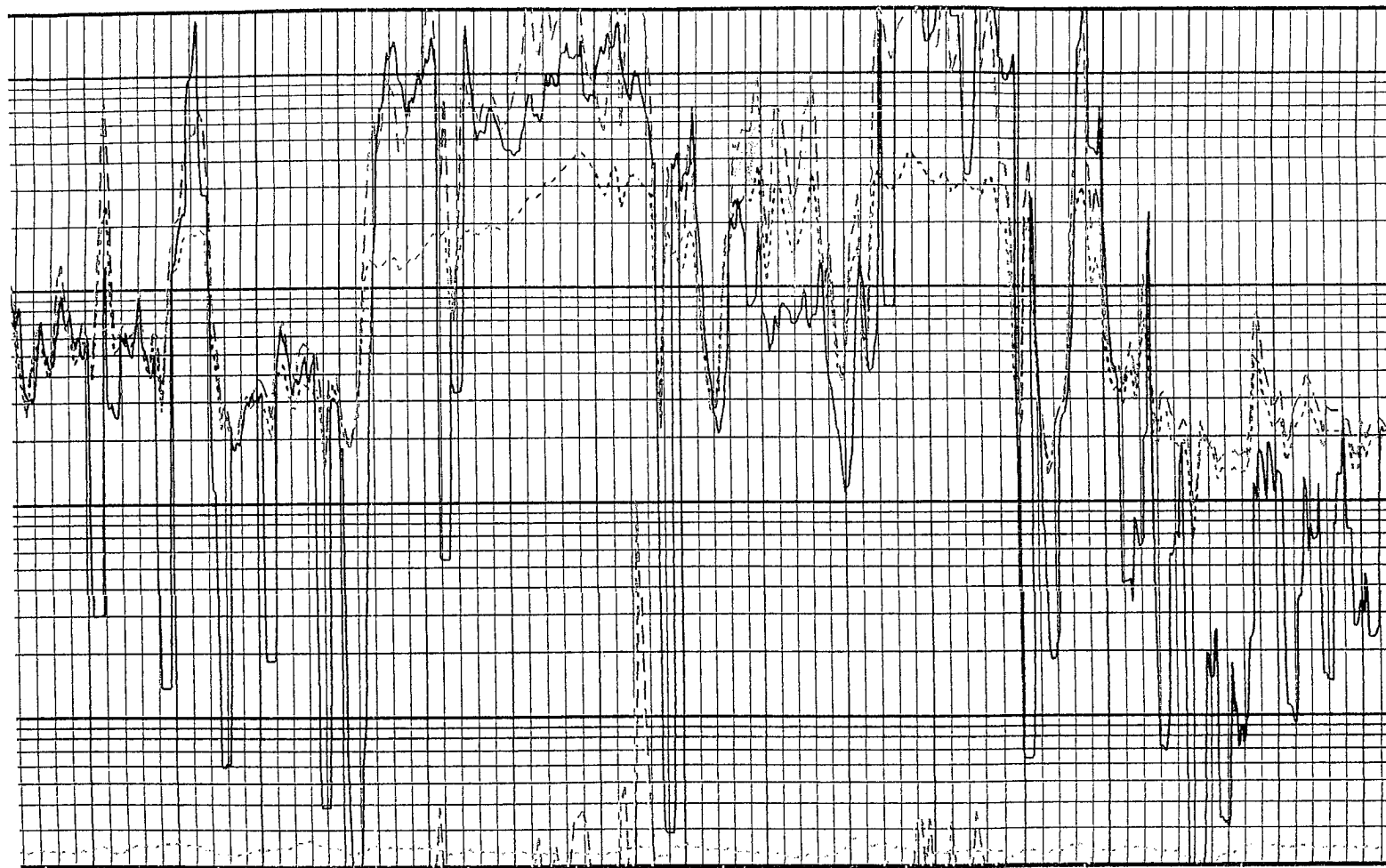
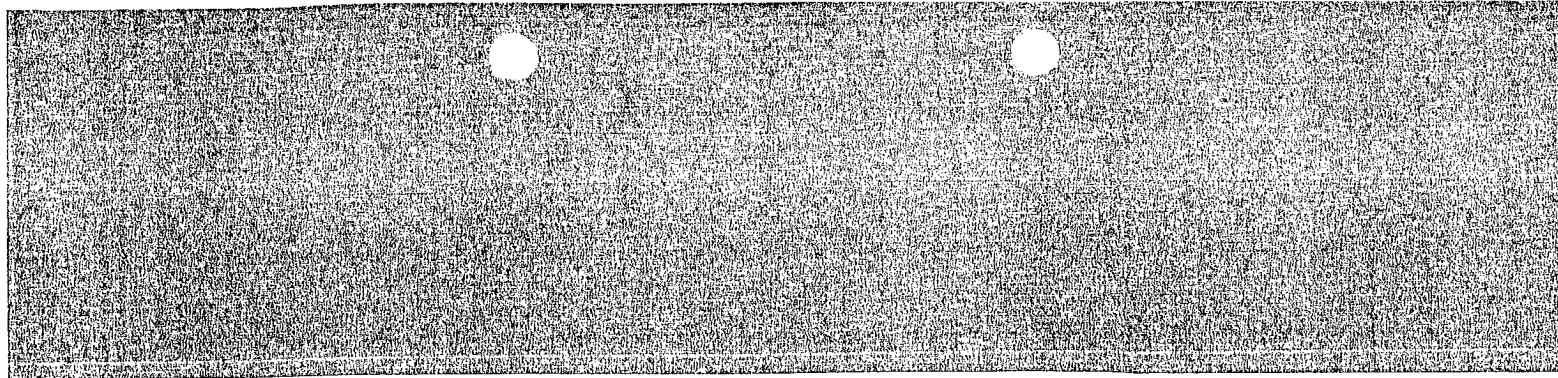
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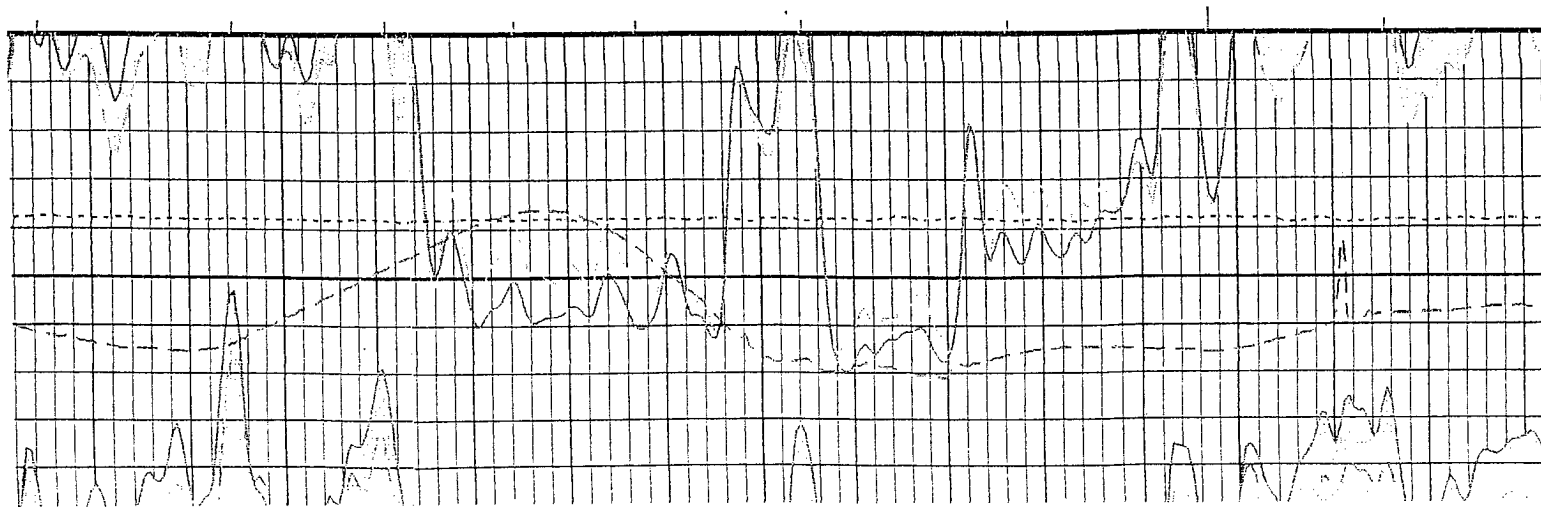
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11100



DUNN LOGGING SERVICE

91 MARSHA DRIVE
ARTESIA, NEW MEXICO 88210
(505) 365-7295

COMPANY: YATES PETROLEUM CORP. WELL: MOSLEY CANYON "BIA" STATE COM.#1
FIELD: COUNTY: EDDY STATE: NM
LOCATION: 660'FNL & 660'FEL OF SEC 5-T24S-R25E UNTA

Interval Logged: 2603' To: 11350' G.L.: 3814' K.B.: 3831'
Date Logged: 10/14/2006 To: 11/21/2006 Spud Date: -
Rig: PATTERSON/UT1#514 Unit No.: -
Loggers: CHRIS DUNN
Api No.: 3001535098 AFE#063720
Filename: mosley_canyon_bia_1.mlw
Geologist: JOHN HUMPHREY

Abbreviations:

NB...New Bit
CO...Circ Out
NR...No Returns
TG...Trip Gas
WOB...Wt on Bit
RPM...Rev/Min
SG...Survey Gas
DST...Drill Stem Test
DS...Directional Survey
CG...Connection gas
LAT...Logged After Trip
PP...Pump Pressure
SPM...Strokes/Min
DTG...Down Time Gas

Mud Data

WT...Weight
PH...Acidity
CHL...Chlorides
V...Viscosity
F...Filtrate
SC...Solids Content

Lithology Symbols:

	Anhydrite		Salt		Granite
	Siltstone		Chert		Sandstone
	Dolomite		Conglomerate		Limestone
	Coal		Shale		Bentonite
	Carb Shale		Granite Wash		Quartz Wash
	Glauconite		Pyrite		Fossils
	Fractures		Accessories		Oolites

Gas Chromatograph Analysis:

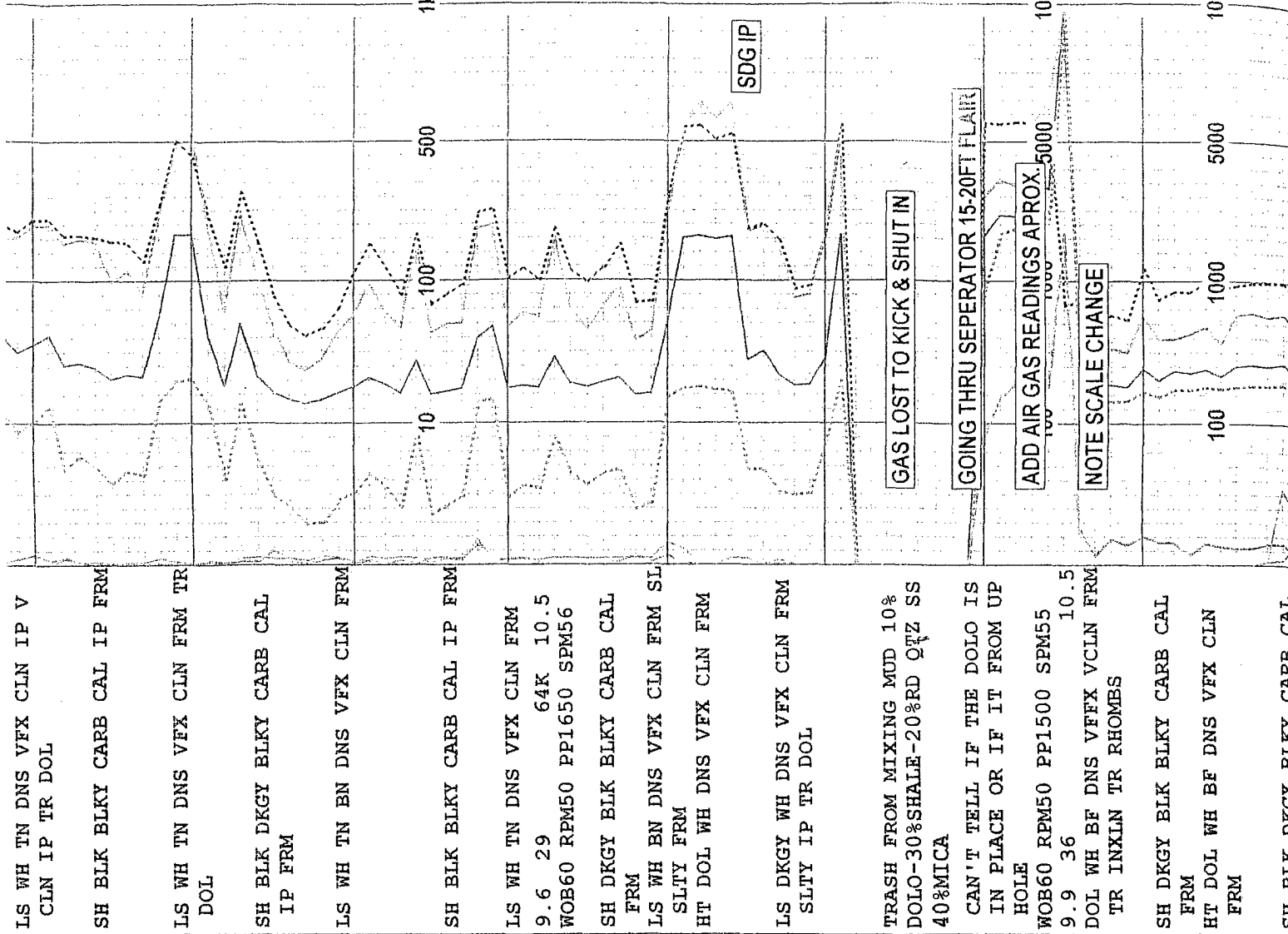
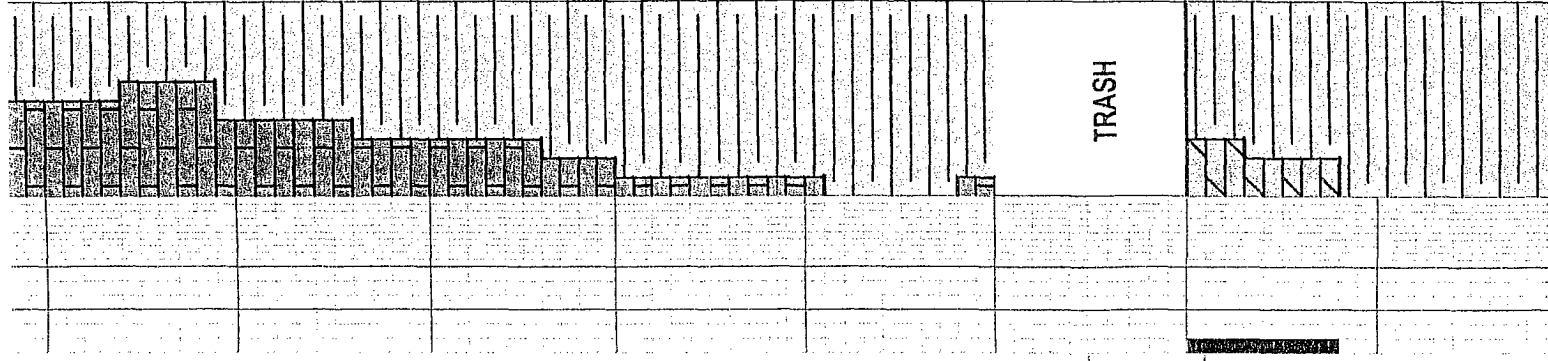
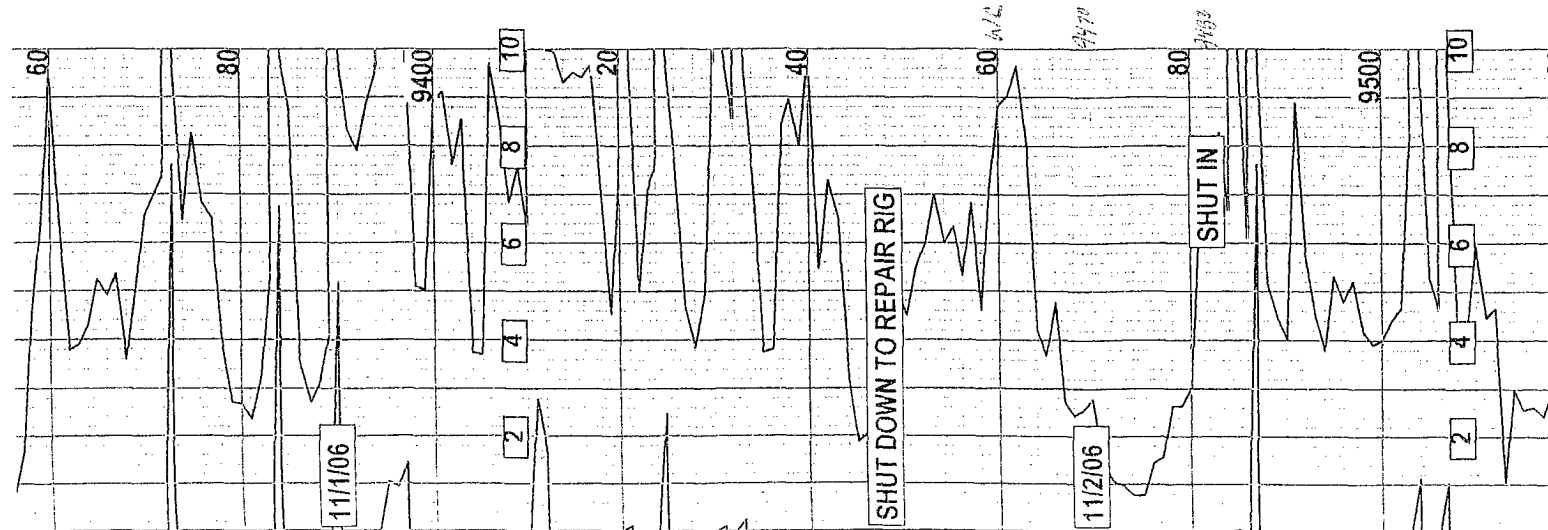
HW
C1
C2
C3
IC4
NC4

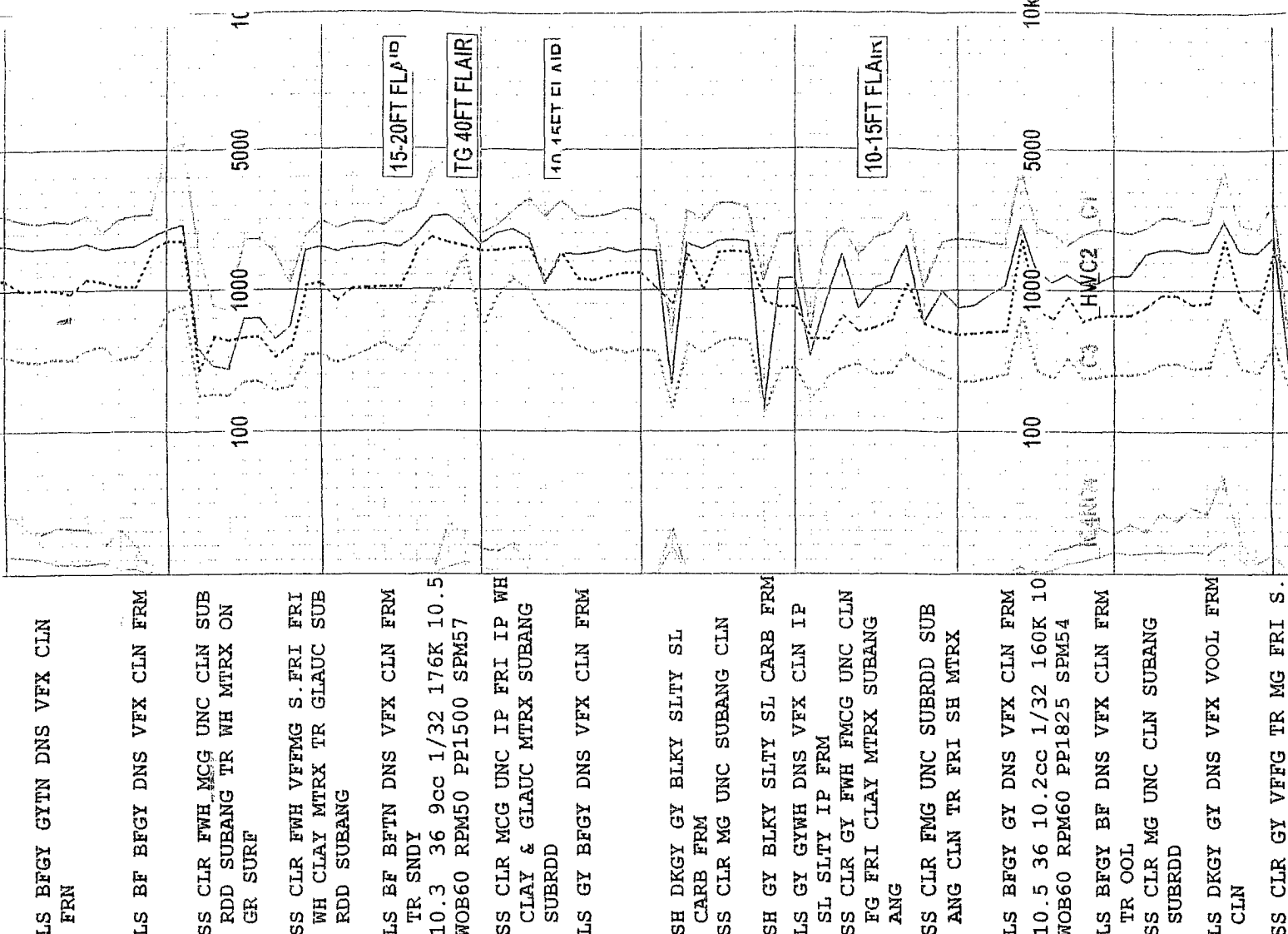
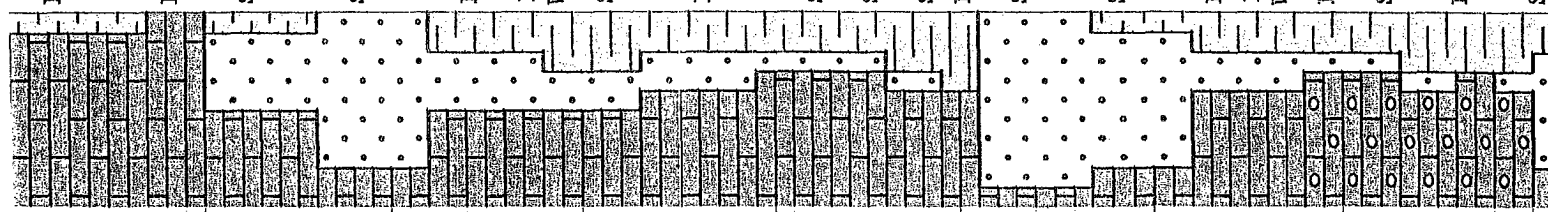
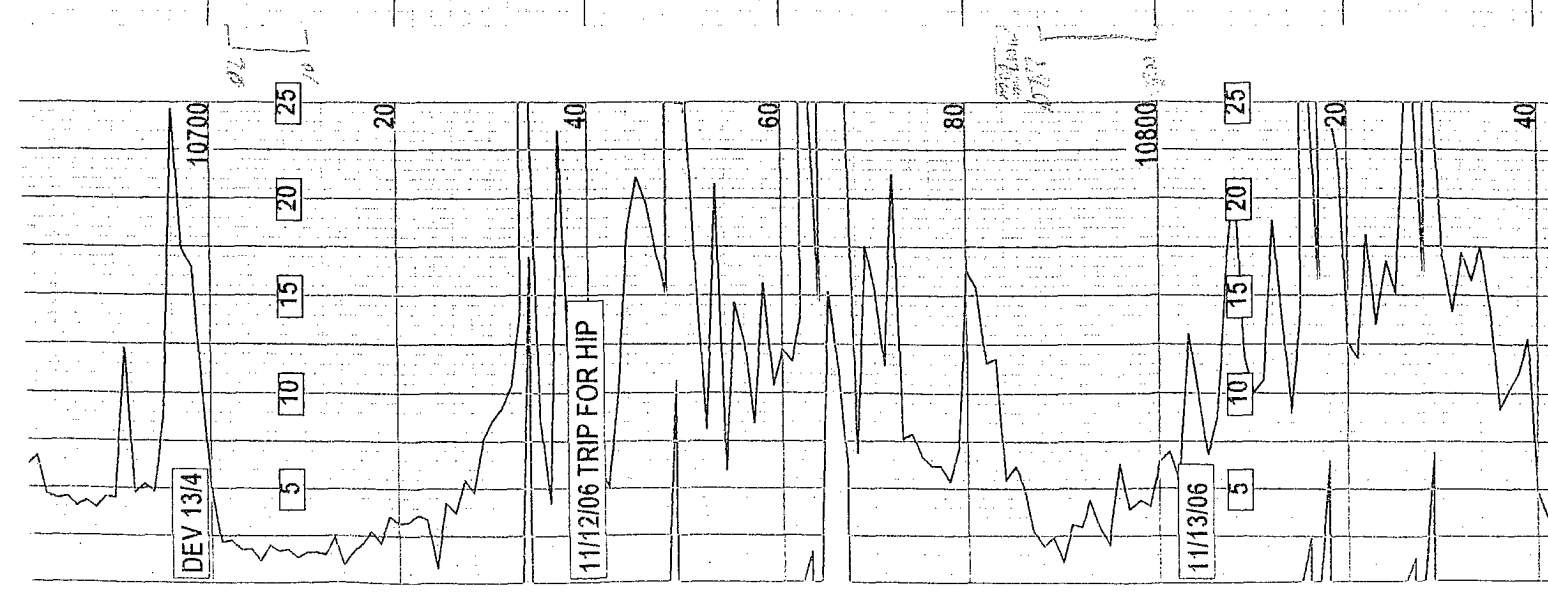
Drilling Rate
MIN/FT

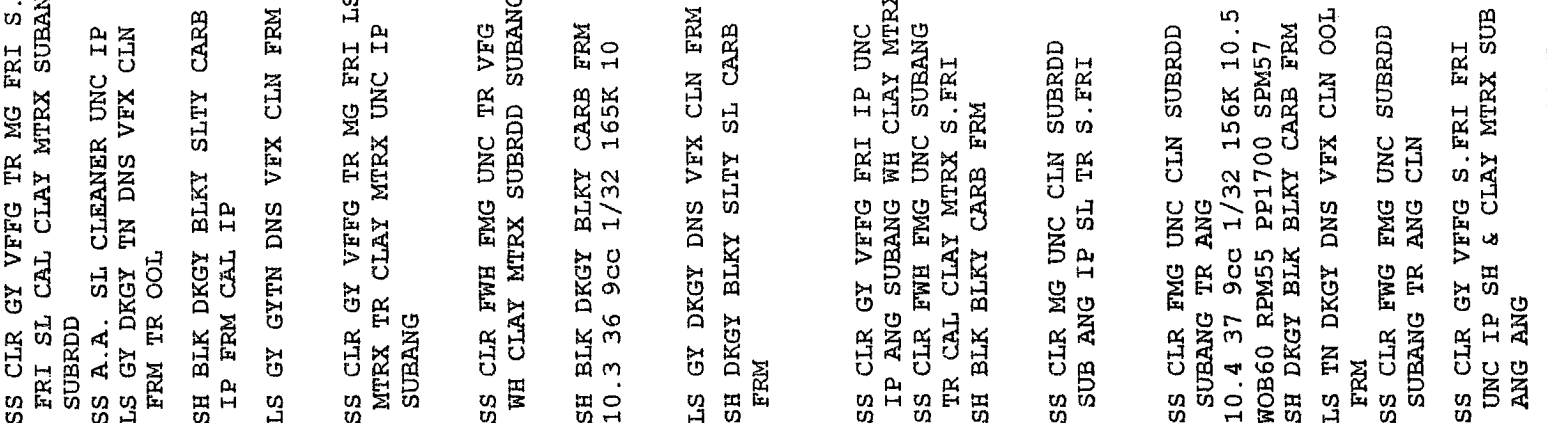
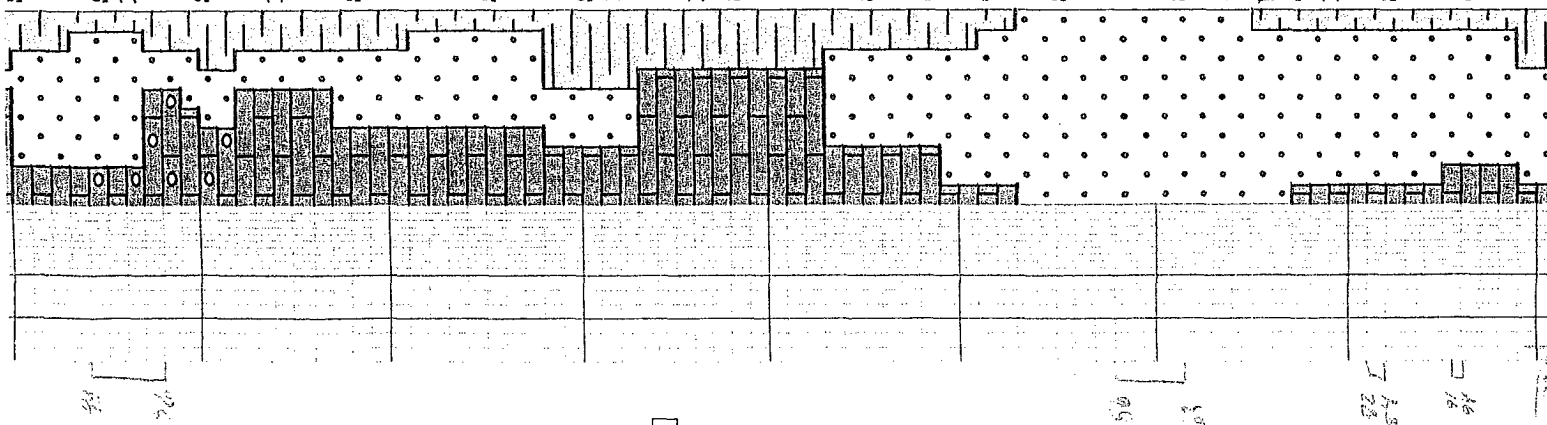
Lithology

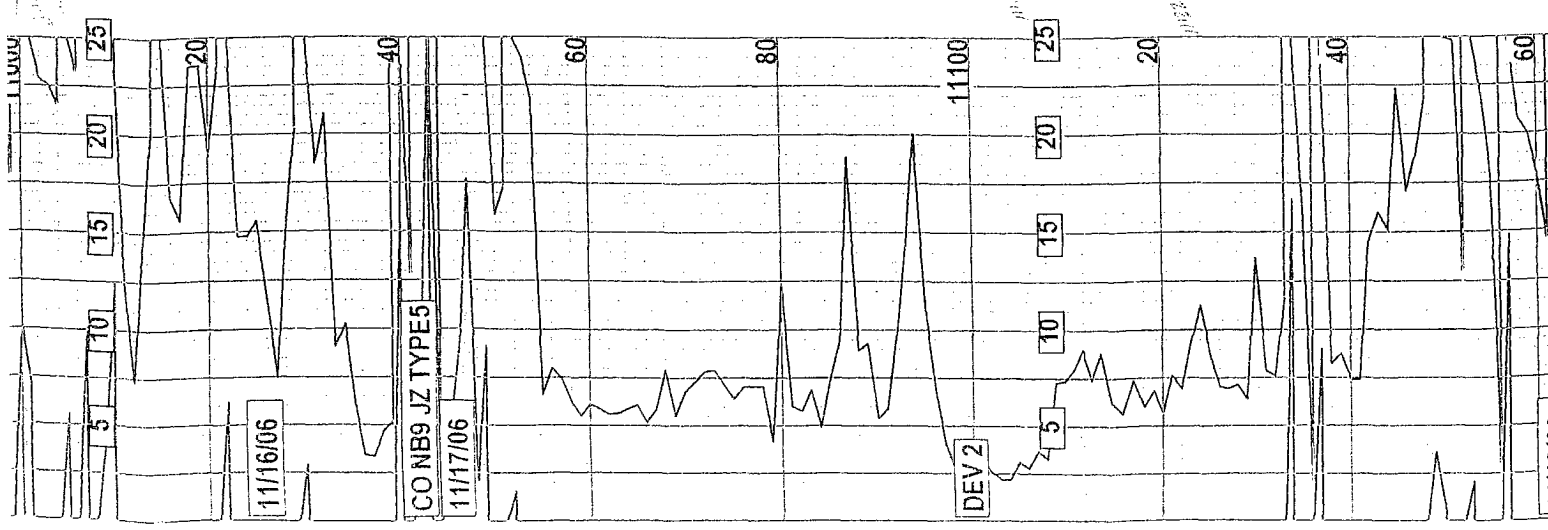
Descriptions/Remarks

Total Gas/Chromatograph









SH BLK DKG Y BLKY SLTY SL
CARB CAL IP FRM

SS CLR FMCG UNC CLN SUBANG
SUBRDD

LS BFGY GY DNS VFX CLN FRM
HD IP

SH GY BLKY SLTY SL CARB FRM

SS CLR FMG UNC CLN SUBANG
SUBRDD

SAMPLE QUALITY POOR VERY
FEW CUTTINGS COMING OFF
SHAKER

SH BLK DKG Y BLKY CARB FRM
CAL IP

LS TN GYWH DNS VFX CLN IP
SL SLTY IP FRM

HT SS CLR VFFG UNC SUBANG
SUBRDD POSS RECYCLED

LS TN BFTN DNS VFX CLN FRM

10.6 37 10cc 1/32 144K 10.5
WOB60 RPM60 PP1550 SPM56

SS CLR FMCG UNC CLN ANG SUB
ANG

LS TN BFTN DNS VFX CLN FRM

SS CLR MCG TR FG UNC VCLN
TR LS MTRX SUBANG SUBRDD

SS CLR FMG TR CG UNC VCLN
SUBRDD SUBANG SL TR ANG

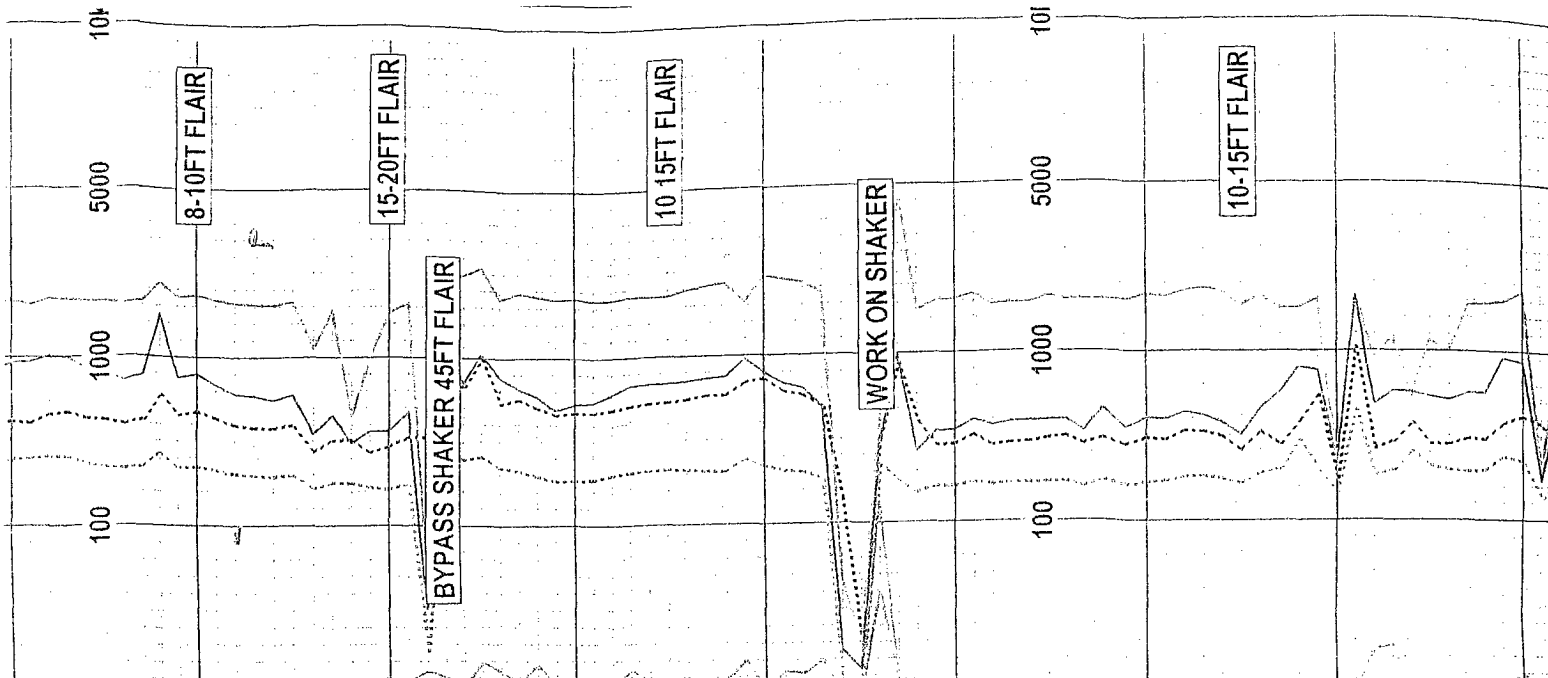
SS CLR FMG UNC CLN ANG SUB
ANG

LS TN BFTN DNS VFX CLN FRM

SS CLR FMG UNC CLN ANG SUB
ANG

LS TN BFTN DNS VFX CLN FRM

SS CLR FMG UNC CLN ANG SUB
ANG



WELL: Mosley Canyon BIA State Com #1

FIELD: Wildcat

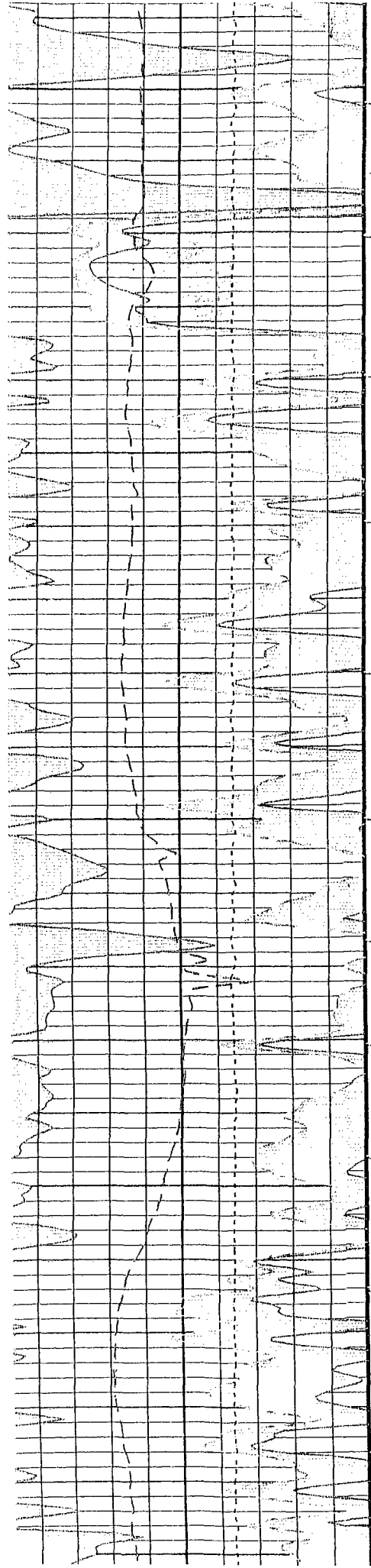
County: Eddy State: New Mexico

Schlumberger
Platform Express
Three Detector Litho-Density
Compensated Neutron/HNGS

Field: Wildcat
Location: 660' FNL & 660' FEL
Well: Mosley Canyon BIA State Com
Company: Yates Petroleum Corporation

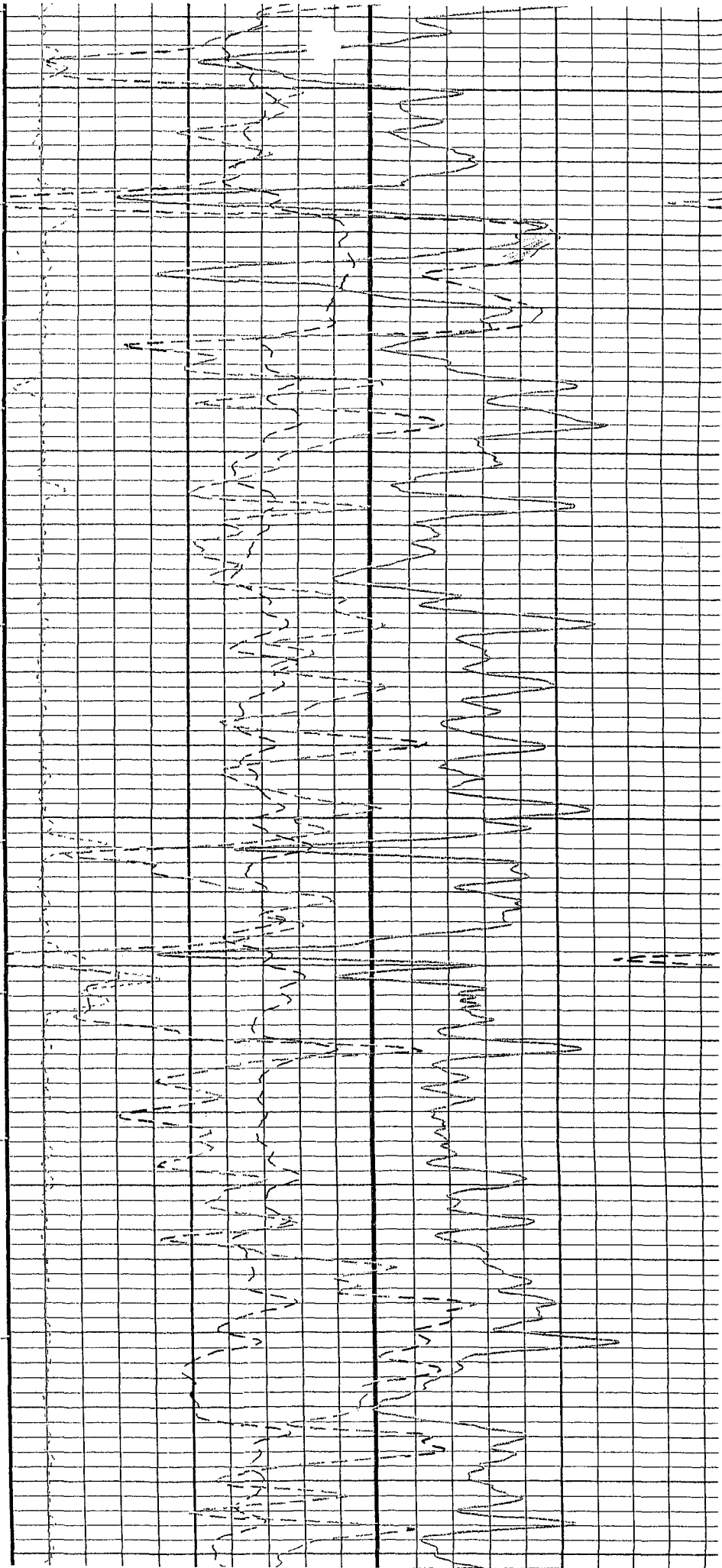
LOCATION			
660' FNL & 660' FEL		Elev.: K.B. 3657 ft G.L. 3640 ft D.F. 3656 ft	
Permanent Datum:	Ground Level	Elev.: 3172 ft	
Log Measured From:	Kelly Bushing	18.0 ft above Perm. Datum	
Drilling Measured From:	Kelly Bushing		
API Serial No. 30-015-35098	Section 5	Township 24S	Range 25E

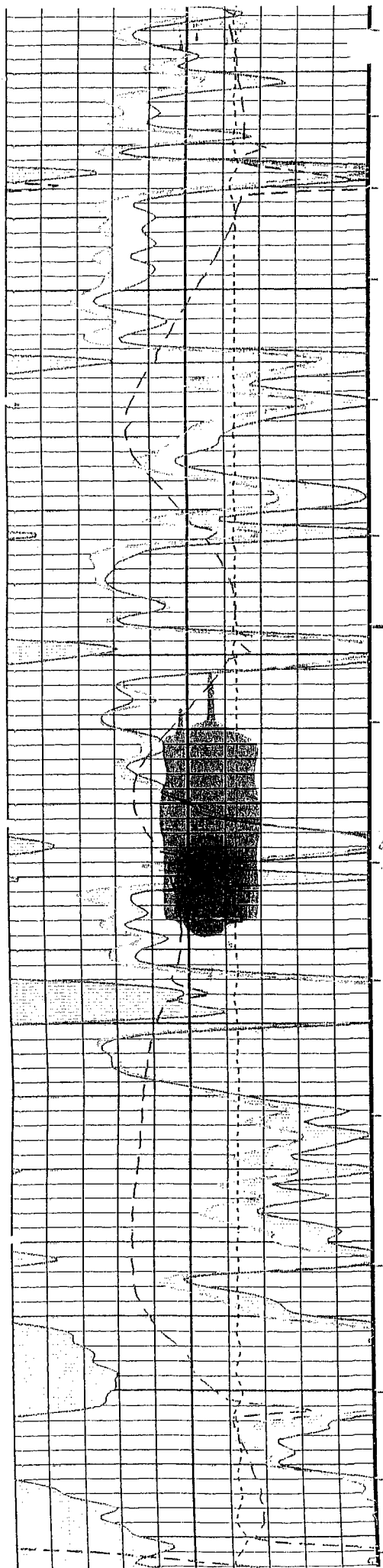
Logging Date	21-Nov-2006		
Run Number	One		
Depth Driller	11350 ft		
Schlumberger Depth	11360 ft		
Bottom Log Interval	11357 ft		
Top Log Interval	200 ft		
Casing Driller Size @ Depth	9.625 in @ 2603 ft		
Casing Schlumberger	2589 ft		
Bit "g	8.750 in		
Type Fluid In Hole	Brine		
Density	Viscosity	10.3 lbm/gal	29 s
Fluid Loss	PH	10.5	
Source Of Sample	Circulation Tank		
RM @ Measured Temperature	0.058 ohm.m @ 75 degF		
RMF @ Measured Temperature	0.049 ohm.m @ 78 degF		
RMF @ Measured Temperature	@ @		
Source RMF	Measured		
RM @ MRT	0.027 @ 165 0.024 @ 165		
Maximum Recorded Temperatures	165 degF		
Circulation Stopped	Time	21-Nov-2006	12:00
Logger On Bottom	Time	21-Nov-2006	23:30
Unit Number	Location	3178 Roswell	
Recorded By		Carl Lea	
Witnessed By		John Humphrey	



9500

9600





10600

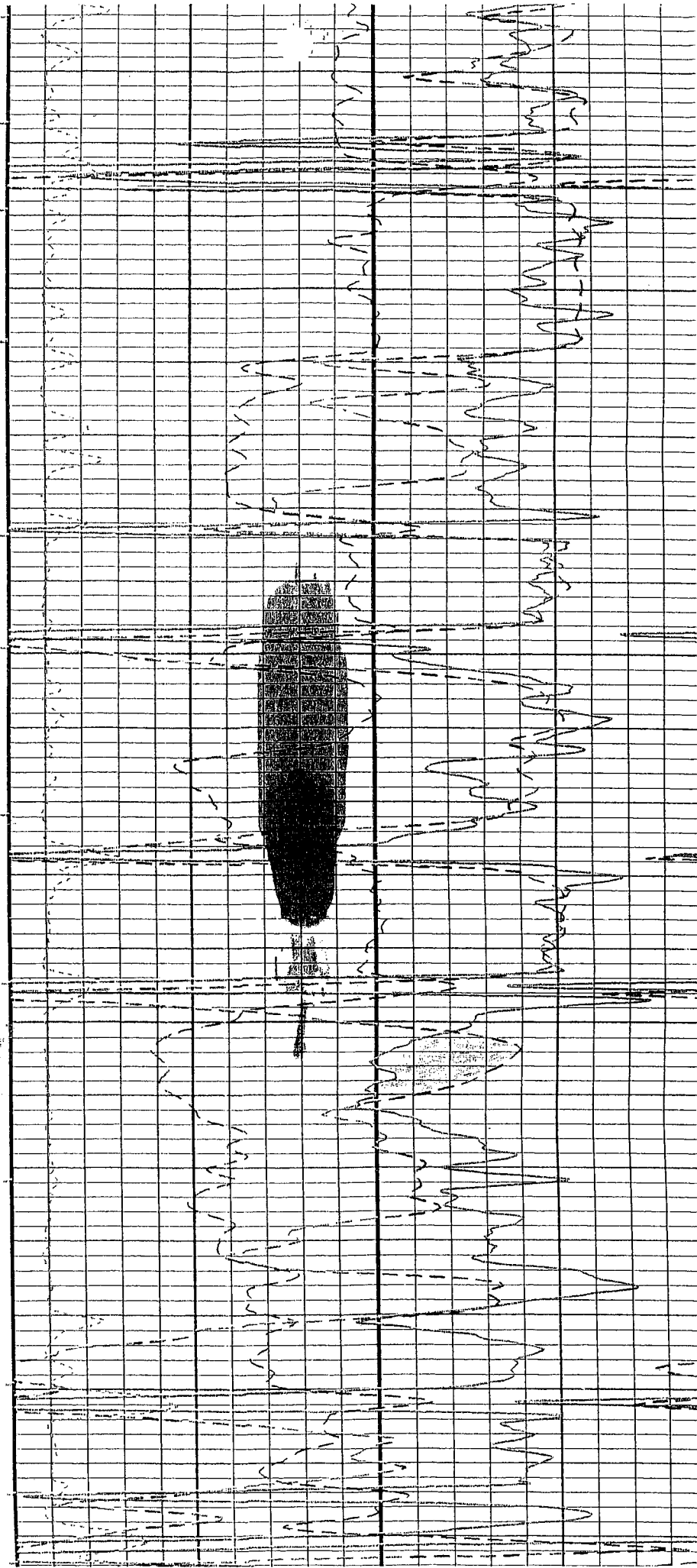
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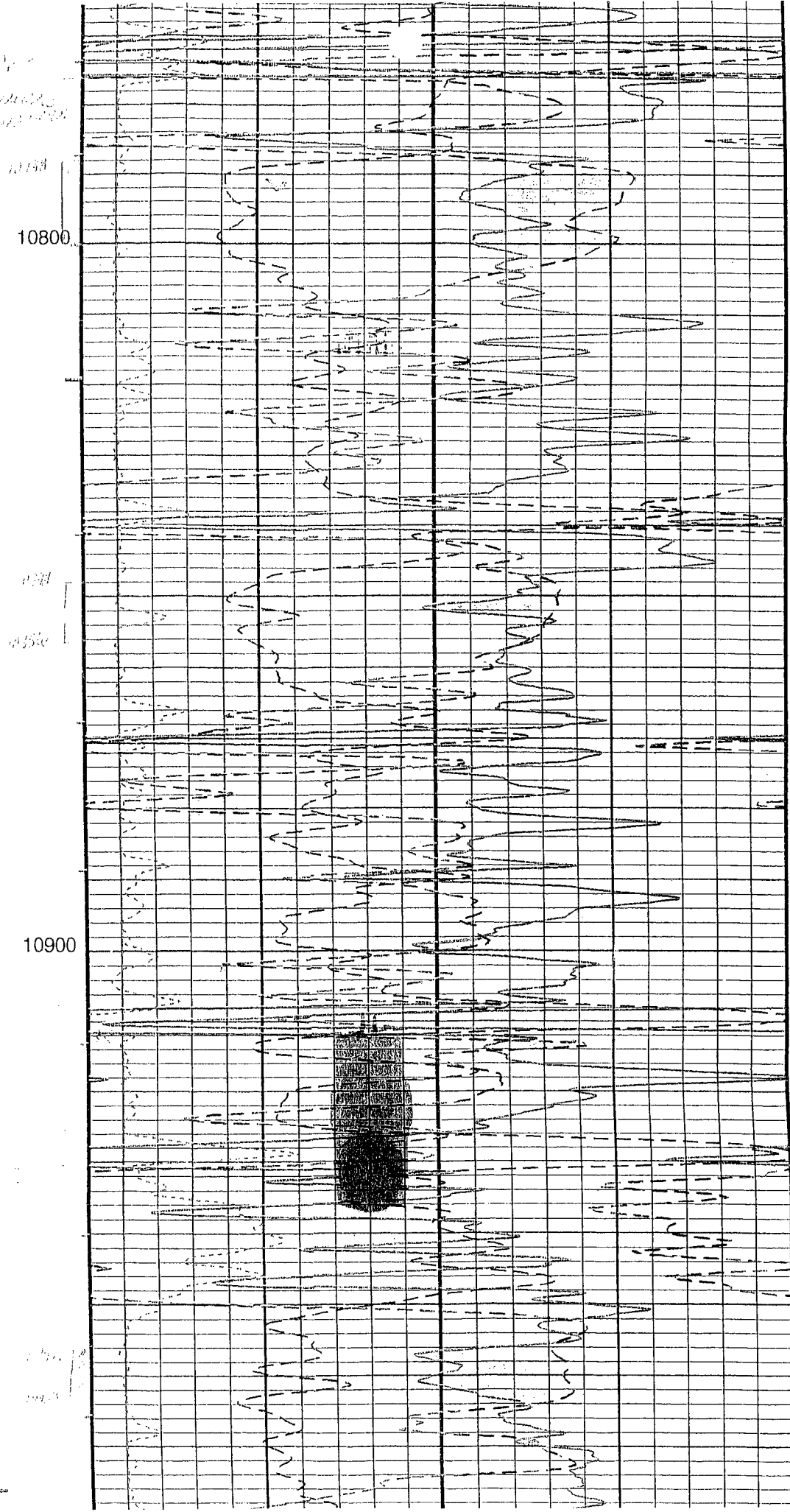
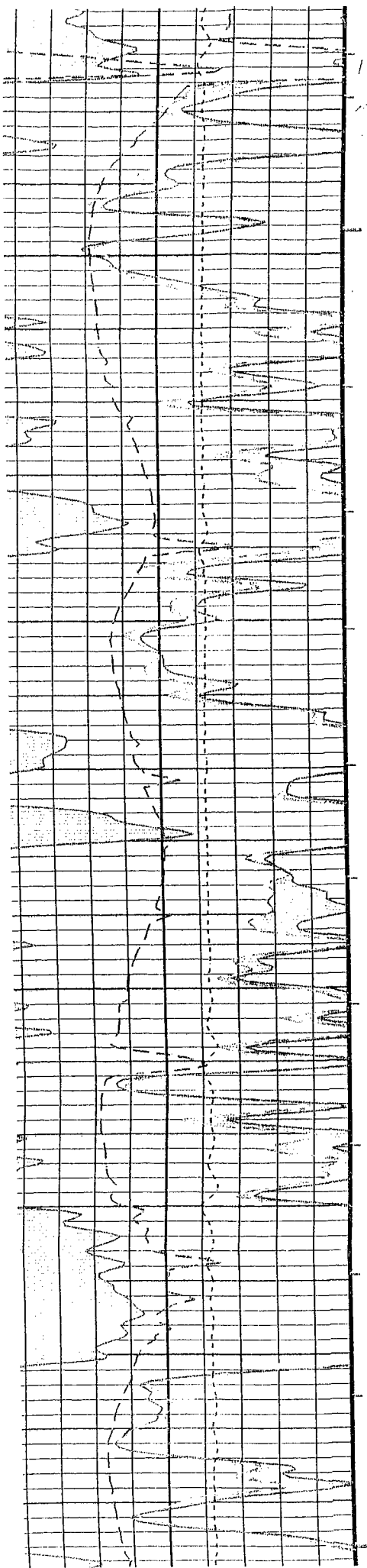
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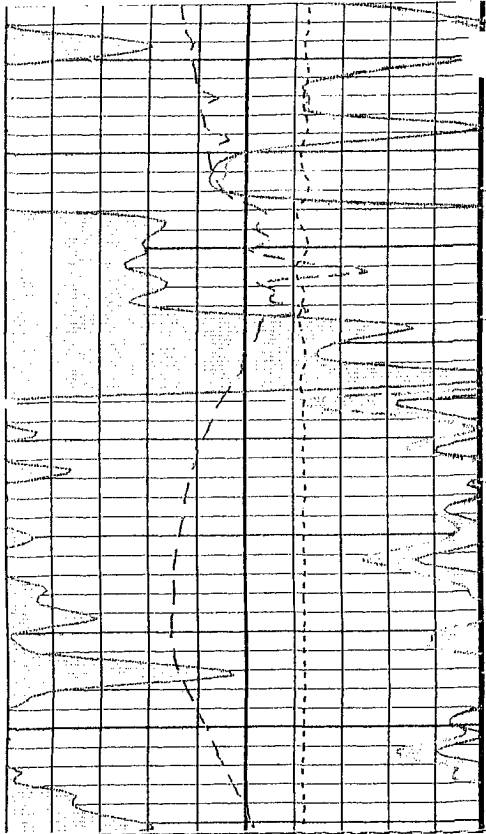
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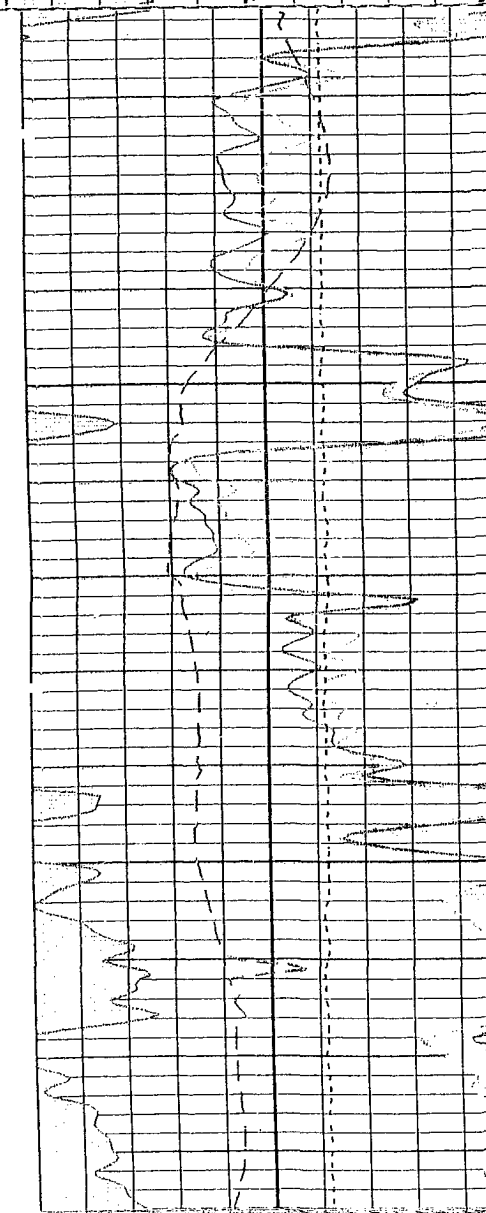
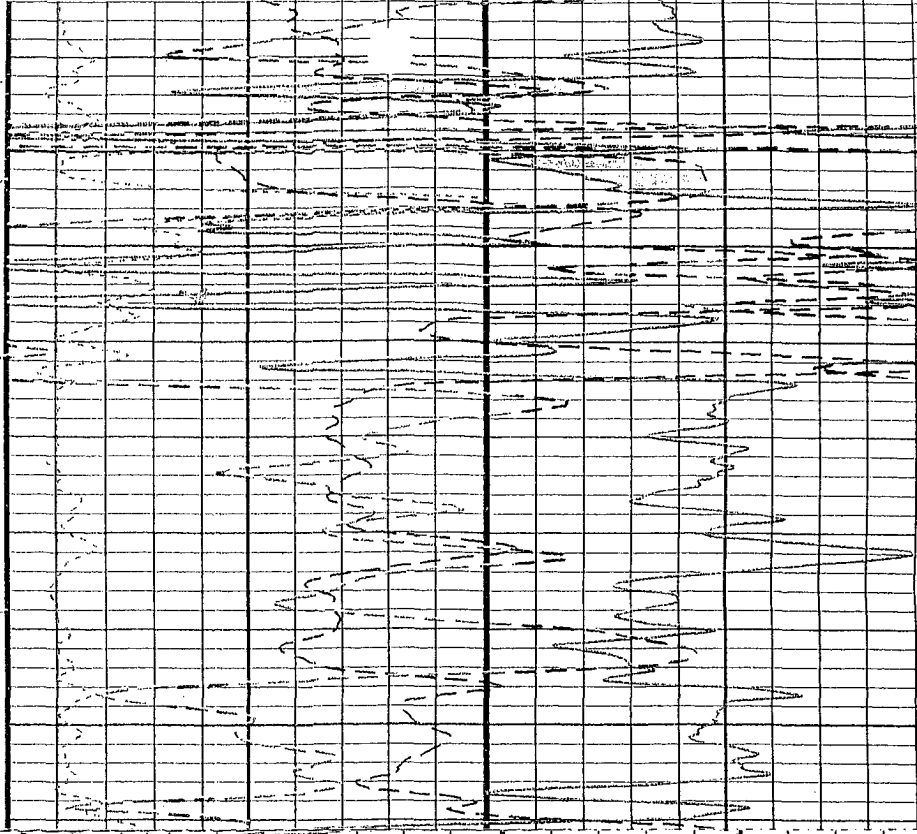
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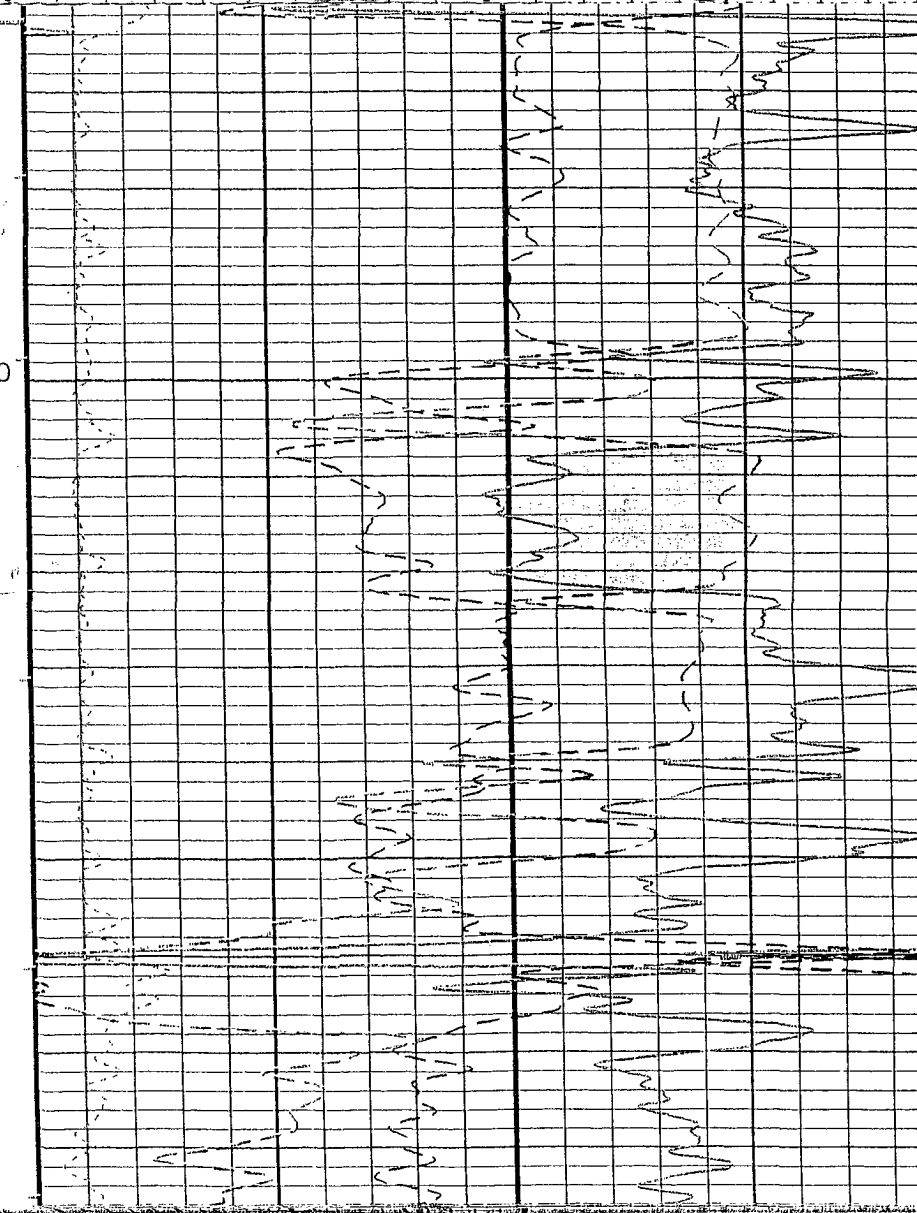




11000



11100



MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

November 30, 2006

Tim Gum
State of New Mexico
OIL CONSERVATION DIVISION
1301 W. Grand
Artesia, New Mexico 88210

Re: Mosley Canyon BIA State Com #1

Dear Mr. Gum;

Enclosed please find a copy of form C-107 (Application for Multiple Completion) on Yates Petroleum Corporation Mosley Canyon BIA State Com #1 of 5-24S-25E, Eddy County, New Mexico.

If you have any questions or need additional information, please call me at (505) 748-4361.

Sincerely,

Debbie Chavez
Engineering Technician

Enclosures

