

Gruy Petroleum Management Co.

DAILY DRILLING REPORT

WELL: Neste-Kenwood Federal 6 #1	DATE: July 24, 2001	COST	DAY
RIG NAME: Patterson Drilling Rig #78	RPT NO./DFS: 9	DRLG	\$73,755
DEPTH (MD / TVD): 3235	SUPERVISOR: John McCullough	EVAL	\$0
PROGRESS: 0	CO, STATE: Eddy-New Mexico	COMP	\$0
CUR STATUS: Testing B.O.P.	FORMATION:	TOTAL	\$73,755

OPERATION			
FROM	TO	HRS	DETAILS
6:00	7:00	1.00	Finish laying down BHA
7:00	11:00	4.00	Rig up Bull Rogers & run 72 jts. 8 5/8 32# casing
11:00	12:00	1.00	Wash to bottom 20' fill
12:00	1:00	1.00	Circ.
1:00	3:30	2.50	Rig up Halliburton & cement
3:30	11:45	8.25	Set slips-cut off 8 5/8 casing-nipple up B-section
11:45	12:00	0.25	Test B-section 2000 psi - OK
12:00	5:00	5.00	Nipple up BOP's - Jet & clean steel pits
5:00	6:00	1.00	Test BOP's with Monahans
			Cement with: 825 sks. Interfill C 1/4# flocele 11.9/2.45/14.12 Lead
			200 sks. P+2% cacl 14.8/1.32/6.3 Tail
			Land plug @ 2:00pm mst
			Circ. 162 sks. To pit
		24.00	

MUD DATA		
TIME		
MUD TYPE		
WEIGHT		
VIS (SEC)		
PV/YP		
GELS		
API/HTHP		
CAKE		
TS/LGS %		
HGS/SAND %		
O/W RATIO		
OIL %		
MBT		
PH/ES		
PM		
PF/MF		
CL (PPM)		
CA (PPM)		

HYDRAULICS	
AVDP	
AVDC	
BHHP	
NOZ VEL	
PRESS BIT	
% HHP @ BIT	
HHP/IN	
IMP FORCE	

ADDITIVES	
STARCH	
XCD	
S.ASH	
POLY-PAC	

DRILL STRING	
PU WT	
SO WT	
ROT WT	

TIME
RU / RD / MOVE
DRLG
REAM / WASH
CORING
CIRC & COND
TRIP/LDDP
RIG SERVICE
RIG REPAIR
DIR SURVEY
LOGGING
RUN CASING
CEMENTING
NU/ND, TEST BOP
DST
PROBLEM
WAITING
OTHER
TOTAL

BIT RECORD

BHA CASING DETAIL

Gruy Petroleum Management Co.

DAILY DRILLING REPORT

WELL: Neste-Kenwood Federal 6 #1	DATE: July 25, 2001	COST	DAY	CUM
RIG NAME: Patterson Drilling Rig #78	RPT NO./DFS: 10	DRLG	\$27,155	\$288,908
DEPTH (MD / TVD): 3295	SUPERVISOR: John McCullough	EVAL	\$0	\$0
PROGRESS: 60	CO, STATE: Eddy-New Mexico	COMP	\$0	\$0
CUR STATUS:	FORMATION:	TOTAL	\$27,155	\$288,908

[illegible]

MUD DATA		
TIME	6:00am	
MUD TYPE	H2O	
WEIGHT	8.4	
VIS (SEC)	29	
PV/YP		
GELS		
API/HTHP		
CAKE		
TS/LGS %		
HGS/SAND %		
O/W RATIO		
OIL %		
MBT		
PH/ES	9.5	
PM		
PF/MF		
CL (PPM)		
CA (PPM)		

HYDRAULICS	
AVDP	
AVDC	
BHHP	
NOZ VEL	
PRESS BIT	
% HHP @ BIT	
HHP/IN	
IMP FORCE	

ADDITIVES	
STARCH	
XCD	
S.ASH	
POLY-PAC	

DRILL STRING	
PU WT	
SO WT	
ROT WT	

TIME	DAY	CUM
RU / RD / MOVE		24.00
DRLG	2.00	116.50
REAM / WASH		1.50
CORING		
CIRC & COND		7.00
TRIP/LDDP	3.75	23.25
RIG SERVICE		0.50
RIG REPAIR	1.25	2.75
DIR SURVEY		2.25
LOGGING		
RUN CASING		5.00
CEMENTING		3.75
NU/ND, TEST BOP	15.00	44.25
DST		
PROBLEM		
WAITING		
OTHER		6.00
drilling cement & plug	2.00	3.25
TOTAL	24.00	240.00

BIT RECORD		
BIT #	3	
SIZE (INCHES)	7 7/8	
MANUFACTURER	RTCO	
TYPE	HP62NM	
SERIAL NO.	E54326	
JETS 1/2/3	2-13 1-12	
JETS 4/5/5		
DEPTH IN	3235	
DEPTH OUT	3295	
FTG DAILY/CUM	60	3246
HRS DAILY/CUM	2	116.5
ROP DAILY/CUM	30	27.86
WOB MIN/MAX	30	
RPM MIN/MAX	50	
COND I/O/D/L		
COND B/G/O/R		

BHA CASING DETAIL			
ITEM DESCRIPTION	JTS	LENGTH	OD
Bit		1.00	
6 pt-combo		9.40	6 1/2
lbs		5.90	6 7/16
Short DC		5.92	6 3/8
Quad		7.06	6 1/2
DC		31.13	6 1/2
Quad		6.91	6 1/2
DC		31.13	6 1/2
Quad		6.89	6 7/16
DC's		776.99	6 1/2
Total		882.33	

MUD PUMPS		
PUMP PRESS	1000	
SPM	60	
LINER SIZE	5.5	
STK LENGTH	16	
PUMP OUTPUT	354	
SPR & PRESS		

[illegible]

Notes: _____