

MORNING REPORT

COASTAL OIL & GAS

02

DATE 12-31-99

LEASE & WELL DCU 78 DRILLING FOREMAN Johnson DAYS SINCE RELIEVED _____
FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
DISTRICT Rocky Mt REPORT TAKEN BY: Tavegia SPUD DATE: _____ DAYS SINCE SPUDED _____
T.D. _____ FT. DRLG. PROGRESS _____ FT. IN _____ HRS. _____ CSG@ _____ PBTD _____ FT.
ACTIVITY @ REPORT TIME MI RURT'S Hayes Rig #1

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	6:00 a.m. — 6:00 a.m.		ITEM	COST
			DAILY	CUMULATIVE
<u>MI RURT'S</u>		110	Roads & Location	
<u>SDF WKND</u>		120	Mob/Demob/Turnkey	5000
		121-125	Contractor Charges Daywork	5000
		126	Downhole Rentals	
		130	Mud & Chemicals	
		132	Completion Fluids	
		133	Bits	
		135-138	Cementing	
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water	
		147	Surface Rentals	100
		175	Trucking	100
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
		187	Misc. Labor & Services	
		190	Supervision	175
		195	Contingencies @ 10%	527
			Total Intangible Costs	5802
		205-220	Tangible Equipment	
			Total Tangibles Costs	-0-
			Total Cost	5802

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)

Mud Log
Depth

Bkgmd
Gas

Trip
Gas

Conn
Gas

DRILLING MUD PROPERTIES

WT. (ppg) _____ FV (SEC.) _____ API F.L. (cc) _____ HTHP F.L. (cc) _____ P.V.(CP) _____ Y.P. (LB/100 FT³) _____
% OIL _____ % LCM _____ % SOLIDS _____ ES/pH _____ ALK:P₁ _____ Ex-Lm. _____ CL(PPM) _____
OWR/Ca _____ GELS (LB/100 FT³): 10 SEC _____ 10 MIN _____ 30 MIN _____ CAKE (in/32") _____ MBT _____ LB/BBL _____

PUMP DATA

NO.1: MODEL _____ LINER SIZE _____ X _____ " SPM _____ GPM _____ PUMP PRESS _____
NO.2: MODEL _____ LINER SIZE _____ X _____ " SPM _____ GPM _____ PUMP PRESS _____

BIT RECORD	BIT NO	SIZE	MFGR.	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
						1	2	3	4	5	6		FEET	HRS.	FT/H.R.		T	B	G

WT. ON BIT _____ 000# F.P.M. _____ ANN. VEL: DP _____ DC _____ SURF. HHP _____
BIT H.P. _____ %HHP THRU BIT NOZ _____ NOZ. VEL _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM

DEPTHS & INCLINATIONS

_____ FT. _____ DEG.
_____ FT. _____ DEG.
_____ FT. _____ DEG.

DRILLING STRING:

D.P. SIZE & TYPE _____ D.C. THD _____ NO D.C. _____
LENGTH _____ O.D. _____ I.D. _____
BHA _____

BOP/PIT DRILL: TIME OF DAY _____ REACTION TIME _____ MIN. W/ _____ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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011-5014A (REV 7/88)

COASTAL OIL & GAS

MORNING REPORT

DATE 1-5-2000

LEASE & WELL DCU 78 DRILLING FOREMAN Johnson DAYS SINCE RELIEVED
FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
DISTRICT Rocky Mtn REPORT TAKEN BY: Tavegia SPUD DATE: 1-3-2000 DAYS SINCE SPURRED
T.D. 25 FT. DRLG. PROGRESS FT. IN HRS. CSG@ PBTD FT.
ACTIVITY @ REPORT TIME PU 14" Bit T Ream 9" Pilot Hole Hayes Rig #1

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS		
HOURS	8:00 a.m. - 6:00 a.m.		ITEM	COST	
				DAILY	CUMULATIVE
7	Start Air Pkg & Rig	110	Roads & Location Snow Remv	1000	1000
5	Turbo Charger Out on Power Unit W/O Repair Parts	120	Mob/Demob/Turnkey		
		121-125	Contractor Charges Daywork	1300	6300
10	Repair Power Unit	126	Downhole Rentals		
2	PU 14" Bit T Ream 9" Pilot	130	Mud & Chemicals		
		132	Completion Fluids		
		133	Bits		
		135-136	Cementing		
		138	Fuel		
		140	Electric Logging		
		141	Coring/DST/FMT		
		142	Mud Logging		
		144	Directional Services		
		145	Fishing Tools & Service		
		146	Water		
		147	Surface Rentals	100	500
		175	Trucking		325
		176	Boats		
		177	Helicopter		
		181-184	Testing/Perf./Stimulation		
		186	Environmental Compliance		
		187	Misc. Labor & Services		1016
		190	Supervision	700	1225
		195	Contingencies @ 10%	310	1036
			Total Intangible Costs	3910	11902
TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)		205-220	Tangible Equipment		
			Total Tangibles Costs		-0-
			Total Cost	3910	11902

Mud Log Depth	Elgmd Gas
Trip Gas	Conn Gas

DRILLING MUD PROPERTIES

WT. (ppg) FV (SEC.) API F.L. (cc) HTHP F.L. (cc) P.V.(CP) Y.P. (LB/100 FT)
% OIL % LCM % SOLIDS ES/pH ALK:Ph Ex-Lm. CL(PPM)
OWR/Ca GELS (LB/100 FT³): 10 SEC 10 MIN 30 MIN CAKE (x32") MBT LB/GBL

PUMP DATA NO.1: MODEL LINER SIZE X " SPM GPM PUMP PRESS
NO.2: MODEL LINER SIZE X " SPM GPM PUMP PRESS

BIT RECORD	WIT NO	SIZE	MFGH.	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
						1	2	3	4	5	6		FEET	HRS.	FT/H.		T	B	G

WT. ON BIT 000# R.P.M. ANN. VEL.: DP DC SURF. HHP
BIT H.P. %HHP THRU BIT NOZ NOZ. VEL REDUCED RATE PUMP PRESS PSI @ SPM

DEPTHS & INCLINATIONS

DRILLING STRING:

FT. DEG. D.P. SIZE & TYPE D.C. THD NO D.C.
FT. DEG. LENGTH O.D. I.D.
FT. DEG. BHA

BOF/PIT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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DATE: 1-6-2000

LEASE & WELL DCU 78 DRILLING FOREMAN Johnson DAYS SINCE RELIEVED _____
FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
DISTRICT Rocky Mt REPORT TAKEN BY: Tavegia SPUD DATE: 1-3-2000 DAYS SINCE SPURRED _____
T.D. 62.6L FT DRLG. PROGRESS _____ FT IN _____ HRS. 14 CSG @ 62.6L PBDT _____ FT
ACTIVITY @ REPORT TIME WOC Hayes Log #1

HOURS	ACTIVITY LAST 24 HOURS 8:00 a.m. — 6:00 a.m.	CODE NO.	DRILLING/COMPLETION COSTS		
			ITEM	COST	
7	Mistup, DRL 17" Hole T 60'		10%	DAILY 771	CUMULATIVE 1207
3	PU & Weld 62' 14" Conductor	110	ROADS & LOCATIONS		1000
1	Drive Conductor last 7'	120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP. WO	6200	12500
	w/ Air Hammer	130	MUD & CHEMICALS		
1	CMT w/ 60 sks Portland	135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
	Slurry w/ 3% CaCl ₂ , Yield	140	ELECTRIC LOGGING (OPEN HOLE)		
	1 cutt psl, Hole stayed full	141	CORING, DST, FMT		
	CIP @ 16:00 1-5-2000	142	MUD LOGGING		
12	WOC, PU 12 1/4" Bst 4	145	FISHING TOOLS & SERVICES		
	Air Hammer T DRL CMT	146	WATER		
		146	FUEL		
		146	BITS		
		147	EQUIPMENT RENTALS	100	600
		175	TRUCKING Deliver Conductor	293	618
		181	BHP, GOR, POTENTIAL TESTS		
		183	PERF. AND CASSED HOLE LOGS		
		184	ACIDIZING, FRACTURING, ETC		
			Welder & Hanger WSC LABOR & SERVICES for Conductor	426	1442
	Notified State & BLM of Setting	190	SUPERVISION	200	1925
	Conductor & CMT Job w/ witness		TOTAL INTANGIBLES	8490	19892
	TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	200	TOTAL TANGIBLES (CSG, ETC.)	1240	1240
	62' 14" Conductor @ 20 ⁰⁰ pft = 1240		TOTAL COSTS	9730	21132

DRILLING MUD PROPERTIES

WT (#/GAL) _____ VIS (SEC.) _____ FL 100# (cc) _____ HIGH TEMP F.L @ 300 PSI _____ PV (CP) _____ Y.P. (LB/100 FT) _____
% OIL _____ % LCM _____ % SOLIDS _____ ES/pH _____ ALK: P_i _____ Ex: Lm _____ CL (PPM) _____
OWR/Ca _____ GELS (LB/100 FT) @ _____ 10" _____ CAKE (32 ND) _____ MBT _____ LB/BSL

PUMP DATA:

NO. 1: MODEL _____ LINER SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____
NO. 2: MODEL _____ LINER SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____

DRILLING STRING:

D.P. SIZE & TYPE _____ D.C. THD. _____ NO D.C. _____ LENGTH _____ O.D. _____ I.D. _____
EFF. WT. OF D.C. _____ BHA _____

BIT RECORD:

BIT NO.	SIZE	MFG	TYPE	SERIAL NO.	JETS 32nd			DEPTH OUT	TOTAL THIS BIT			CUM. HRS	COND DULL		
					1	2	3		FEET	HRS	FT./HR.		T	B	G

WT. ON BIT _____ GOR# R.P.M. _____ ANN. VEL.: DP. _____ DC _____ SURF. HHP _____
BIT H.P. _____ % HHP THRU BIT NOZ _____ NOZ. VEL _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM

DEPTHS & INCLINATIONS

_____ FT. _____ DEG
_____ FT. _____ DEG
_____ FT. _____ DEG

SOLIDS CONTROL EQPT. USED

SHALL SHAKER(S) _____ HRS
DESANDER _____ HRS
DESILTER/MUD CLEANER _____ HRS
CENTRIFUGE _____ HRS

MUD USED

BOP/PIT DRILL: TIME OF DAY _____ REACTION TIME _____ MIN. W/ _____ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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011-5014 (REV. 6/80)

MORNING REPORT

COASTAL OIL & GAS

DATE 1-7-2000

LEASE & WELL DCU 78

DRILLING FOREMAN Johnson

DAYS SINCE RELIEVED

FIELD/PROSPECT Douglas Creek Unit

COUNTY Rio Blanco

STATE Colorado

DISTRICT Rocky Mt

REPORT TAKEN BY Tavegia

SPUD DATE: 1-3-2000

DAYS SINCE SPURRED

T.D. FT. DRLG. PROGRESS

FT.

IN

HRS.

CSG@

CMT 1994

FT.

ACTIVITY @ REPORT TIME RDR T's

Hayes Rig #1

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS		
HOURS	8:00 a.m. - 6:00 a.m.		ITEM	DAILY	CUMULATIVE
3	DRL CMT T 62' GL, LD 12 1/4" Brt	110	Roads & Location		1000
	6 Hammer	120	Mob/Demob/Turnkey		
4	PU 8 3/4" B.T. 1 DC, DRL T 160'	121-125	Contractor Charges Daywork	6200	18700
	w/ Stiff Foam, Blooic Line Plugged	126	Downhole Rentals		
1	Swivel out T 62'	130	Mud & Chemicals 3% KCL	165	165
1	CO Blooic Line, Plugged w/ 2.6" Diam	132	Completion Fluids		
	Sand Stone Rocks	133	Bits		
2	W&R T 110', 50' Fill, Lost Return	135-136	Cementing	3320	3320
	Conductor Leaking, No Circ	138	Fuel		
1	LD BHA, No. 1, State & Bl Mat Plugged	140	Electric Logging		
1/2	Tch w/DP T 75' Tag Fill, Mix & Pump	141	Coring/DST/FMT		
	200 SKS Class G CMT w/ 2% CaCl2	142	Mud Logging		
	1st psk Colofflec, 15.8 ppg, Yield 1.16	144	Directional Services		
	Fill Hole w/ 6 Bbls H2O, Full Return	145	Fishing Tools & Service		
	During CMT, Job 11.2 Bbl Shrink	146	Water TRKNG	925	925
	w/ 2 Bbls CMT T Pin, LD DP, CIP	147	Surface Rentals		600
	17:30 1-6-2000, CMT T ope 19'	175	Trucking		618
	ORDER 10 CUYDs 6SK Ready Mix w/ 3 1/2"	176	Boats		
11 1/2	25 sec. F 8:00 AM 1-7-2000 F Top Job	177	Helicopter		
	PUH 62' Conductor, RDR T's	181-184	Testing/Perf./Stimulation		
		186	Environmental Compliance		
	Notified & Received Logging Orders	187	Misc. Labor & Services		1942
	F State & Bl Mat No witness	190	Supervision	700	2625
TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)		195	Contingencies @ 10%	1131	2938
			Total Intangible Costs	12441	32333
Mud Log	Bkgmd Gas	205-220	Tangible Equipment		
Depth	Conn Gas		Total Tangibles Costs		-0-
Trip			Total Cost	12441	32333
Gas					

DRILLING MUD PROPERTIES

WT. (ppg) FV (SEC.) API F.L. (cc) HTHP F.L. (cc) P.V.(CP) V.P. (LB/100 FT)
% OIL % LCM % SOLIDS ES/pH ALK/P1 Ex-Lm. CL (PPM)
OWR/Ca GELS (LB/100 FT): 10 SEC 10 MIN 30 MIN CAKE (w/32") MBT LB/BBL

PUMP DATA NO.1: MODEL LINER SIZE X SPM GPM PUMP PRESS
NO.2: MODEL LINER SIZE X SPM GPM PUMP PRESS

BIT RECORD	BIT NO	SIZE	MPGR	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
						1	2	3	4	5	6		FEET	HRS.	FT/HR.		T	B	G

WT. ON BIT 000# R.P.M. ANN. VEL.: DP DC SURF. HHP
BIT H.P. %HHP THRU BIT NOZ. NOZ. VEL. REDUCED RATE PUMP PRESS PSI @ SPM

DEPTHS & INCLINATIONS

DRILLING STRING:

FT. DEG. D.P. SIZE & TYPE D.C. THD NO D.C.
FT. DEG. LENGTH O.D. I.D.
FT. DEG. BHA

BOP/PT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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011-6014A (REV 7/99)

01/06/0004:00 FAX 701 0710

COASTAL OIL & GAS

MORNING REPORT

DATE 1-8-2000

LEASE & WELL DCU 78

DRILLING FOREMAN Johnson

DAYS SINCE RELIEVED

FIELD/PROSPECT Douglas Creek Unit

COUNTY Rio Blanco

STATE Colorado

DISTRICT Rocky Mt.

REPORT TAKEN BY: Tavegia

SPUD DATE: 1-7-2000

DAYS SINCE SPUDDED

T.D. 23 GL

FT. DRLG. PROGRESS

FT. IN

HRS.

CSG@

PBTD

FT.

ACTIVITY @ REPORT TIME DRL 18" Hole w/ Bucket Rig

Moleculin's Rat Hole Save

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	6:00 a.m. — 6:00 a.m.		ITEM	COST
9	DRL 18" Hole w/ Bucket Rig	110	Roads & Location	1000
	Full Bore Hole 410 cu Yds RM CAT	120	Mob/Demob/Turnkey	
	MTRU Bucket Rig T DRL New Hole	125	Contractor Charges Daywork	2322
	Spud @ 17:00 1-7-2000	126	Downhole Rentals	
	DRL T 23' GL w/ 18" Bucket	130	Mud & Chemicals	16.5
	SDFN	132	Completion Fluids	
		133	Bits	
		135-138	Cementing 1000 yds RM	650
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water	925
		147	Surface Rentals	100
		175	Trucking	618
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
		187	Misc. Labor & Services	1078
		190	Supervision	700
		195	Contingencies @ 10%	485
			Total Intangible Costs	5335
				3766.8
		205-220	Tangible Equipment	
			Total Tangibles Costs	
			Total Cost	5335
				3766.8

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)

Mud Log Depth

Skymd Gas

Trip Gas

Conn Gas

DRILLING MUD PROPERTIES

WT. (ppg)

FV (SEC.)

API F.L. (cc)

HTHP F.L. (cc)

P.V.(CP)

Y.P. (LB/100 FT³)

% OIL

% LCM

% SOLIDS

ES/ph

ALK:P_f

Ex-Lm.

CL (PPM)

OWR/Ca

GELS (LB/100 FT³): 10 SEC

10 MIN

30 MIN

CAKE (x32")

MBT

LB/BBL

PUMP DATA

NO.1: MODEL

LINER SIZE

X

SPM

GPM

PUMP PRESS

NO.2: MODEL

LINER SIZE

X

SPM

GPM

PUMP PRESS

BIT NO	SIZE	MFCR.	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
					1	2	3	4	5	6		FEET	HRS.	FT./HR.		T	B	G

WT. ON BIT

000# R.P.M.

ANN. VEL: DP

DC

SURF. HHP

BIT H.P.

%HHP THRU BIT NOZ.

NOZ. VEL

REDUCED RATE PUMP PRESS

PSI @

SPM

DEPTHS & INCLINATIONS

FT.

DEG.

FT.

DEG.

FT.

DEG.

DRILLING STRING:

D.P. SIZE & TYPE

D.C. THD

NO D.C.

LENGTH

O.D.

I.D.

BHA

BOP/PIT DRILL:

TIME OF DAY

REACTION TIME

MIN.

W/

FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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011-0014A (REV 7/89)

01/09/00 03:51 FAX 781 0715

J & J Consulting
COASTAL OIL & GAS

001

MORNING REPORT

DATE 1-9-2000LEASE & WELL Doe 28 DRILLING FOREMAN Johnson DAYS SINCE RELIEVED _____FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE ColoradoDISTRICT Rocky M REPORT TAKEN BY: Tallegia SPUD DATE: 1-7-2000 DAYS SINCE SPURRED _____T.D. 6266 FT. DRILG. PROGRESS _____ FT. IN _____ HRS. _____ ° CSG# _____ PBDT _____ FT.ACTIVITY & REPORT TIME DRL 18" Hole w/ Bucket Rig Malcolm & Red Hole Same

ACTIVITY LAST 24 HOURS

HOURS	CODE NO.	ITEM	DRILLING/COMPLETION COSTS	
			DAILY	CUMULATIVE
6:00 a.m. — 6:00 a.m.				
Mud up Hole w/ Fresh Water	110	Roads & Location		1000
Rel 20-55 VISC	120	Mob/Demop/Turnkey		
DRL 18" Hole T 62'	121-125	Contractor Charges Daywork	1340	22362
SDFN	126	Downhole Rentals		
	130	Mud & Chemicals 30 Bbls	300	465
	132	Completion Fluids		
	133	Bits		
	135-136	Cementing		3970
	138	Fuel		
	140	Electric Logging		
	141	Coring/DST/FMT		
	142	Mud Logging		
	144	Directional Services		
	145	Fishing Tools & Service		
	146	Water		925
	147	Surface Rentals	100	800
	175	Trucking		618
	176	Boats		
	177	Helicopter		
	181-184	Testing/Perf/Stimulation		
	186	Environmental Compliance		
	187	Misc. Labor & Services		2520
	180	Supervision	700	4023
	195	Contingencies @ 10%	244	3667
		Total Intangible Costs	2684	40852
	205-220	Tangible Equipment		
		Total Tangibles Costs		0
		Total Cost	2684	40352

DRILLING MUD PROPERTIES

WT. (ppg) _____ FV (SEC.) _____ API FL. (cc) _____ HTHP FL. (cc) _____ PV (CP) _____ Y.P. (LB/100 FT³) _____
 % OIL _____ % LCM _____ % SOLIDS _____ ES/pH _____ ALKPH_T _____ Ex-Lm. _____ CL (PPM) _____
 OWR/Cs _____ GELS (LB/100 FT³): 10 SEC _____ 10 MIN _____ 30 MIN _____ CAKE (1/32") _____ MBT _____ LB/BBL _____

PUMP DATA NO.1: MODEL _____ LINER SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____
 NO.2: MODEL _____ LINER SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____

BIT NO.	SIZE	MPCN.	TYPE	SERIAL NO.	JETS 3210						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. CULL		
					1	2	3	4	5	6		FEET	HRS.	FT/H.		T	B	R

WT. ON BIT _____ 000# R.P.M. _____ ANN. VEL.: DP _____ DC _____ SURF. HHP _____

BIT H.P. _____ %HHP THRU BIT NOZ. _____ NOZ. VEL. _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM

DEPTHS & INCLINATIONS

DRILLING STRING:

_____ FT. _____ DEG. D.P. SIZE & TYPE _____ D.C. THD _____ NO D.C. _____

_____ FT. _____ DEG. LENGTH _____ O.D. _____ I.D. _____

_____ FT. _____ DEG. BHA _____

BOP/PIT DRILL: TIME OF DAY _____ REACTION TIME _____ MIN. W/ _____ FT. DOWN ON KELLY

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011-00144 (REV 7/85)

MORNING REPORT

DATE 1-10-2000

LEASE & WELL DCU 78 DRILLING FOREMAN Johnson DAYS SINCE RECEIVED _____
 FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
 DISTRICT Rocky Mt REPORT TAKEN BY: Tavaria SPUD DATE: 1-7-2000 DAYS SINCE SPUNDED _____
 T.D. 82 GL FT. DRLG. PROGRESS _____ FT. IN _____ NRG. _____ CSGW _____ PSTD _____ FT.
 ACTIVITY & REPORT TIME DRL 18" Hole w/Bucket Rig Malcolm's Rat Hole Srvc

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	6:00 a.m. — 6:00 a.m.		ITEM	COST
				DAILY CUMULATIVE
	<u>Kelly Freeze Thaw Out w/Propane</u>	119	Roads & Location	1000
	<u>Rags & Diesel</u>	120	Mob/Demob/Turnkey	
	<u>Clear Out 10' Fill</u>	121-125	Contractor Charges Daywork	300 22662
	<u>DRL 18" Hole T 82' w/ENHANCED</u>	126	Downhole Rentals	
	<u>Leak on 18" Bucket Failed</u>	130	Mud & Chemicals	10866 100 565
	<u>Repair Bucket</u>	132	Completion Fluids	
	<u>SDFEN</u>	133	Bits	
		135-136	Cementing	3970
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water <u>TRUCK</u>	880 1805
		147	Surface Rentals	100 900
		175	Trucking	618
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
		187	Misc. Labor & Services	2520
		190	Supervision	200 4725
		195	Contingencies @ 10%	328 3875
			Total Intangible Costs	2258 42640
TANGIBLE ITEMS CHARGED TODAY (DESCRIBE)				
Mud Log	Drum	205-220	Tangible Equipment	
Depot	Gas		Total Tangibles Costs	
Trp	Comp			
Gas	Gas			
			Total Cost	2288 42640

DRILLING MUD PROPERTIES

WT. (ppg) _____ FV (SEC.) _____ API FL (cc) _____ HTHP FL (cc) _____ P.V.(CP) _____ Y.P. (LB/100 FT) _____
 % OIL _____ % LCM _____ % SOLIDS _____ SS/pH _____ ALK/P₁ _____ Ex-Lm. _____ CL (PPM) _____
 OWR/Ca _____ GELS (LB/100 FT): 10 SEC _____ 10 MIN _____ 30 MIN _____ CAKE (x32) _____ MBT _____ LB/BUIL

PUMP DATA

NO.1: MODEL _____ LINER SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____
 NO.2: MODEL _____ LINER SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____

BIT RECORD

BIT NO	SIZE	MFCR	TYPE	SERIAL NO.	JETS 32ND						DEPTH CUT	TOTAL THIS BIT			CUM. MTD. COND. DULL		
					1	2	3	4	5	6		FEET	MFD.	FLMR.	T	S	G

WT. ON BIT _____ 000# R.P.M. _____ ANN. VEL: DP _____ DC _____ SURF. HHP _____

BIT H.P. _____ %HHP THRU BIT NOZ. _____ NOZ. VEL. _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM

DEPTHS & INCLINATIONS

_____ FT. _____ DEG. D.P. SIZE & TYPE _____ D.C. THD _____ NO D.C. _____
 _____ FT. _____ DEG. LENGTH _____ O.D. _____ I.D. _____
 _____ FT. _____ DEG. BHA _____

DRILLING STRING:

ROP/PT DRILL: TIME OF DAY _____ REACTION TIME _____ MIN. W/ _____ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUDING DETAIL

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011-0016A (REV 1789)

COASTAL OIL & GAS

MORNING REPORT

DATE 1-11-2000LEASE & WELL DCU 28X DRILLING FOREMAN Johnson DAYS SINCE RELIEVEDFIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE ColoradoDISTRICT Rocky Mt REPORT TAKEN BY: Tavegia SPUD DATE: 1-7-2000 DAYS SINCE SPUNDEDT.D. 110 FT. DRLG. PROGRESS FT. IN HRS. CSG@ PBTD FT.ACTIVITY @ REPORT TIME DRL 18" Hole w/Bucket Rig Malcolm's Rat Hole Save

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	6:00 a.m. — 6:00 a.m.		ITEM	COST
				DAILY CUMULATIVE
	<u>CO 7' Fill</u>	110	Roads & Location	1000
	<u>DRL F 82' T 110' w/FW MUD</u>	120	Mob/Demob/Turnkey	
	<u>SPEN</u>	121-125	Contractor Charges Daywork	560 23222
		126	Downhole Rentals	
		130	Mud & Chemicals <u>32KCL</u>	165 730
		132	Completion Fluids	
		133	Bits	
		135-136	Cementing	3920
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water <u>TRKNG</u>	825 2630
		147	Surface Rentals	100 1000
		175	Trucking <u>786 Delivery</u>	325 943
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
		187	Misc. Labor & Services	2520
		190	Supervision	700 5925
		195	Contingencies @ 10%	262 9142
			Total Intangible Costs	2942 45582
		205-220	Tangible Equipment	
			Total Tangibles Costs	
			Total Cost	2942 45582

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	
Mud Log	0kgmd
Depn	Gas
Trip	Coron
Gas	Gas

DRILLING MUD PROPERTIES

WT. (ppg) FV (SEC.) API F.L. (cc) HTHP F.L. (cc) P.V.(CP) Y.P. (LB/100 FT³)% OIL % LCM % SOLIDS ES/pH ALKP_i Ex-Lm. CL(PPM)OWR/Ca GELS (LB/100 FT³): 10 SEC 10 MIN 30 MIN CAKE (x/32") MBT LB/BBLPUMP DATA NO.1: MODEL LINER SIZE X " SPM GPM PUMP PRESS
NO.2: MODEL LINER SIZE X " SPM GPM PUMP PRESS

BIT RECORD	BIT NO	SIZE	MFG	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
						1	2	3	4	5	6		FEET	HRS.	FT/HR		T	B	G

WT. ON BIT 000# R.P.M. ANN. VEL.: DP DC SURF. HHP

BIT H.P. %HHP THRU BIT NOZ NOZ. VEL REDUCED RATE PUMP PRESS PSI @ SPM

DEPTHS & INCLINATIONS

FT. DEG. D.P. SIZE & TYPE D.C. THD NO D.C.

FT. DEG. LENGTH O.D. I.D.

FT. DEG. BHA

DRILLING STRING:

BOP/PT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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DISTRICT

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011-5014A (REV 7/99)

MORNING REPORT

DATE 1-12-2000

LEASE & WELL DCU 28X DRILLING FOREMAN Johnson DAYS SINCE RELIEVED

FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado

DISTRICT Rocky M REPORT TAKEN BY: Tavegia SPUD DATE: 1-7-2000 DAYS SINCE SPUDDED

T.D. 190 FT. DRILG. PROGRESS FT. IN HRS. CSG@ PBD FT.

ACTIVITY @ REPORT TIME DRL 18" Hole w/ Bucket Rig Malcolm's Red Hole Spud

ACTIVITY LAST 24 HOURS

CODE
NO.

DRILLING/COMPLETION COSTS

ITEM

COST

DAILY

CUMULATIVE

HOURS	6:00 a.m. — 6:00 a.m.			
	CO 7' FILL	110	Roads & Location	1000
	DRL 18" F 110' T 190' W/FW MUD	120	Mob/Demob/Turnkey	
	SDFN	121-125	Contractor Charges Daywork	600 23822
		126	Downhole Rentals	
		130	Mud & Chemicals 30 Bbls	300 1030
		132	Completion Fluids	
		133	Bits	
		135-136	Cementing	3920
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water TRKING	770 3900
		147	Surface Rentals	100 1100
		175	Trucking	943
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
		187	Misc. Labor & Services	2520
		190	Supervision	700 6125
		195	Contingencies @ 10%	247 4389
			Total Intangible Costs	2717 48299
		205-220	Tangible Equipment	
			Total Tangibles Costs	
			Total Cost	2717 48299

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	
Mud Log Depth	Bkgnd Gas
Trip Gas	Curr Gas

DRILLING MUD PROPERTIES

WT. (ppg) FV (SEC.) API F.L. (cc) HTHP F.L. (cc) P.V.(CP) Y.P. (LB/100 FT)
% OIL % LCM % SOLIDS ES/pH ALK/CF Ex-Lm. CL(PPM)
OWR/Ca GELS (LB/100 FT): 10 SEC 10 MIN 30 MIN CAKE (x/32") MBT LB/BBLPUMP
DATANO.1: MODEL LINER SIZE X SPM GPM PUMP PRESS
NO.2: MODEL LINER SIZE X SPM GPM PUMP PRESS

BIT RECORD

BIT NO	SIZE	MFG.	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CLIM. HRS.			COND. DULL		
					1	2	3	4	5	6		FEET	HRS.	FT/HR	T	B	G			

WT. ON BIT 000# R.P.M. ANN. VEL.: DP DC SURF. HHP

BIT H.P. %HHP THRU BIT NOZ NOZ. VEL REDUCED RATE PUMP PRESS PSI @ SPM

DEPTHS & INCLINATIONS

FT. DEG. D.P. SIZE & TYPE D.C. THD NO D.C.
FT. DEG. LENGTH O.D. I.D.
FT. DEG. BHA

DRILLING STRING:

BOP/PT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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011-5014A (REV 7/82)

MORNING REPORT

DATE 1-13-2000

LEASE & WELL DCU 78X DRILLING FOREMAN Johnson DAYS SINCE RELIEVED _____
FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
DISTRICT Rocky Mtn REPORT TAKEN BY: Taugia SPUD DATE: 1-7-2000 DAYS SINCE SPURRED _____
T.D. 1580 FT. DRLG. PROGRESS _____ FT. IN _____ HRS. _____ " CSG# _____ PBD _____ FT.
ACTIVITY @ REPORT TIME DRL 18" Hole w/ Bucket Rig Malcolm's Rat Hole Srvc

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	6:00 a.m. — 6:00 a.m.		ITEM	COST
				DAILY CUMULATIVE
	<u>No Fill Over Night</u>	110	Roads & Location	1000
	<u>DRL F140' T158'</u>	120	Mob/Demob/Turnkey	
	<u>Hard Blue Clay lost</u>	121-125	Contractor Charges Daywork	360 29182
	<u>5' F 153' T158'</u>	126	Downhole Rentals	
	<u>SDFN</u>	130	Mud & Chemicals <u>20866</u>	200 1230
		132	Completion Fluids	
	<u>Prepare T Run 7" CSG @ 173' G1</u>	133	Bits	
	<u>on 1-13-2000 w/ Hayes Rig #1</u>	135-136	Cementing	3920
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water <u>TRUCK</u>	880 4280
		147	Surface Rentals	100 1200
		175	Trucking	943
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
		187	Misc. Labor & Services	2520
		190	Supervision	700 6825
		195	Contingencies @ 10%	229 9613
			Total Intangible Costs	2464 50763
		205-220	Tangible Equipment	
			Total Tangibles Costs	
			Total Cost	2464 50763

TANGIBLE ITEMS CHARGED TODAY. (DESCRIBE)	
Mud Log Depth	Bkgmd Gas
Trip Gas	Conn Gas

DRILLING MUD PROPERTIES

WT. (ppg) _____ FV (SEC.) _____ API F.L. (cc) _____ HTHP F.L. (cc) _____ P.V.(CP) _____ Y.P. (LB/100 FT³) _____
% OIL _____ % LCM _____ % SOLIDS _____ ES/pH _____ ALK.P₁ _____ Ex-Lm. _____ CL(PPM) _____
OWR/Ca _____ GELS (LB/100 FT³): 10 SEC _____ 10 MIN _____ 30 MIN _____ CAKE (x/32") _____ MBT _____ LB/BBL

PUMP DATA

NO.1: MODEL _____ LINER SIZE _____ X _____ " SPM _____ GPM _____ PUMP PRESS _____
NO.2: MODEL _____ LINER SIZE _____ X _____ " SPM _____ GPM _____ PUMP PRESS _____

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
					1	2	3	4	5	6		FEET	HRS.	FT./HR.		T	B	G

WT. ON BIT _____ 000# R.P.M. _____ ANN. VEL.: DP _____ DC _____ SURF. HHP _____
BIT H.P. _____ %HHP THRU BIT NO.2 _____ NO.2 VEL _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM

DEPTHS & INCLINATIONS

_____ FT. _____ DEG. D.P. SIZE & TYPE _____ D.C. THD _____ NO D.C. _____
_____ FT. _____ DEG. LENGTH _____ O.D. _____ I.D. _____
_____ FT. _____ DEG. BHA _____

DRILLING STRING:

BOP/PIT DRILL: TIME OF DAY _____ REACTION TIME _____ MIN. WI _____ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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MORNING REPORT

DATE 1-19-2000

LEASE & WELL DCU 78X DRILLING FOREMAN Upkason DAYS SINCE RELIEVED
FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
DISTRICT Rocky Mt REPORT TAKEN BY: Tavegia SPUD DATE: 1-7-2000 DAYS SINCE SPURRED
T.D. 180 KB FT. DRLG. PROGRESS FT. IN HRS. 7 CSG@ 180 kb PSTD 1354- FT.
ACTIVITY @ REPORT TIME WOC Hayes Rig #1

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	5:00 a.m. - 6:00 a.m.		ITEM	COST
				DAILY CUMULATIVE
	No Fill Over Night	110	Roads & Location	1000
8	DRL 18" Hole T 173' GL, RD Bucket Rig	120	Mob/Demob/Turnkey	
2	RU Hayes Rig #1	121-125	Contractor Charges Daywork	5460 29642
1	DU FS 4 1/2" 7" 23# K55 L7EC 80d	126	Downhole Rentals	
	CSG w/ 4 BS Centralizers, Total pipe 180'	130	Mud & Chemicals 20 Bbls	200 1430
		132	Completion Fluids	
1	RU BS, Mix & Pump 60 Bbl Gel Sweep, 350 SKS Class G CMT w/ 2% CaCl2, 19# pack Celloflake 15.8 ppg, 1.16 Yield 72.3 Bbls Slurry, Displace w/ 5 Bbls H2O Full Returns During CMT Job w/ 8 Bbls CMT T Pit, Hole Stayed Full, SWI, C2PC 17:00 + 13-245	133	Bits	
		135-136	Cementing & FEq 226	5046 9016
		138	Fuel	
		140	Electric Logging	
		141	Coring/DST/FMT	
		142	Mud Logging	
		144	Directional Services	
		145	Fishing Tools & Service	
		146	Water TRKNG	1230 5510
12	WOC	147	Surface Rentals	100 1300
		175	Trucking	943
		176	Boats	
		177	Helicopter	
		181-184	Testing/Perf./Stimulation	
		186	Environmental Compliance	
	Noted State & BLM of CSG & CMT Job NO WITNESS	187	Misc. Labor & Services	2150 4670
		190	Supervision	200 7525
		195	Contingencies @ 10%	1478 6091
			Total Intangible Costs	16364 67127
		205-220	Tangible Equipment	1440 1440
			Total Tangibles Costs	1440
			Total Cost	17804 68567

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	
180' 7" 23# K55 L7EC 80d CSG @ 80#	
Mud Log Depth	Blkgmd Gas
Trip Gas	Cann Gas

DRILLING MUD PROPERTIES
WT. (ppg) FV (SEC.) API FL. (cc) HTHP FL. (cc) P.V.(CP) Y.P. (LB/100 FT)
% OIL % LCM % SOLIDS ES/pH ALK:Pi Ex-Lm. CL(PPM)
OWR/Ca GELS (LB/100 FT³): 10 SEC 10 MIN 30 MIN CAKE (x/32") MBT LB/BBL

PUMP DATA
NO.1: MODEL LINER SIZE X SPM GPM PUMP PRESS
NO.2: MODEL LINER SIZE X SPM GPM PUMP PRESS

BIT NO	SIZE	MFG.	TYPE	SERIAL NO	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
					1	2	3	4	5	6		FLET	HRS	FT/Hr		T	B	G

WT. ON BIT 0000 R.P.M. ANN. VEL.: DP DC SURF. HHP
BIT H.P. %MHP THRU BIT NOZ. NOZ. VEL REDUCED RATE PUMP PRESS PSI @ SPM

DEPTHS & INCLINATIONS
FT. DEG. D.P. SIZE & TYPE D.C. THD NO D.C.
FT. DEG. LENGTH O.D. I.D.
FT. DEG. BHA

BOP/PIT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL
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01/15/00 08.01 FAX 781 6715 J & J CONSULTING
MORNING REPORT DATE 1-15-2000
LEASE & WELL DCU 28X DRILLING FOREMAN Johnson DAYS SINCE RELIEVED _____
FIELD/PROSPECT Douglas Creek Unit COUNTY Rio Blanco STATE Colorado
DISTRICT Rocky Mt REPORT TAKEN BY: Tague SPUD DATE: 1-7-2000 DAYS SINCE SPUDDED _____
T.D. 202 KB FT. DRLG. PROGRESS _____ FT. IN _____ HRS. 7 " CSG# 180' K3 PBDT _____ FT.
ACTIVITY @ REPORT TIME Wait on Daylight T Run Perforation TBC Hayes Rig #1

ACTIVITY LAST 24 HOURS		CODE NO.	DRILLING/COMPLETION COSTS	
HOURS	6:00 a.m. -- 6:00 p.m.		ITEM	COST
			DAILY	CUMULATIVE
3	WOC	110	Roads & Location	1000
1	WO BCL Nipple	120	Mob/Demob/Turnkey	
4	RUBOP Tester, Test BOP Values	121-125	Contractor Charges Daywork	6200
	& MANIFOLD T 2000 #, Test C52	126	Downhole Rentals	35892
	T 1000 # 2D TESTER, RUBOP	130	Mud & Chemicals 3% KCL	137
2	PU 6 1/4" Bit Tag CAT @ 110'	132	Completion Fluids	1567
	DRL CAT & CSE Show T 180'	133	Bits	
	W/ Air Mist, DRY UP Hole	135-136	Cementing	2016
2	DRL 6 1/4" Open Hole T 190'	138	Fuel	
	Gas Show Continuous Flow	140	Electric Logging	
	of + 20', DRL T 202'	141	Coring/DST/FMT	
2	Test Gas Show	142	Mud Logging	
	1" or less 4# 283 MCF	144	Directional Services	
	1 1/4" " 3# 411 MCF	145	Fishing Tools & Service	
	1 1/2" " 2# 527 MCF	146	Water TRUCKING	100
	BUILD UP	147	Surface Rentals	100
	6min 22# 5min 26# 10min 29#	175	Trucking	1900
	15min 31# 20min 33# 25min 34#	176	Boats	943
	30min 34#	177	Helicopter	
2	LDDP 6 1/4" Bit	181-184	Testing/Perf/Stimulation	
8	SWI, WO Daylight T Run Perforation	186	Environmental Compliance	
		187	Misc. Labor & Services	540
		190	Supervision	200
		195	Contingencies @ 10%	807
			Total Intangible Costs	8884
				76011
TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)		205-220	Tangible Equipment	
Mud Log Depth	Bkgnd Gas		Total Tangibles Costs	1440
Trip Gas	Corn Gas		Total Cost	8884
				77451

DRILLING MUD PROPERTIES

WT. (ppg) _____ FV (SEC.) _____ API FL. (cc) _____ HTHP FL. (cc) _____ P.V.(CP) _____ Y.P. (LB/100 FT) _____
% OIL _____ % LCM _____ % SOLIDS _____ ES/pH _____ ALK:P_f _____ Ex-Lm. _____ CL (PPM) _____
OWR/Ca _____ GELS (LB/100 FT): 10 SEC _____ 10 MIN _____ 30 MIN _____ CAKE (x/32") _____ MBT _____ LB/BBL

PUMP DATA

NO.1: MODEL _____ LINER SIZE _____ X _____ " SPM _____ GPM _____ PUMP PRESS _____
NO.2: MODEL _____ LINER SIZE _____ X _____ " SPM _____ GPM _____ PUMP PRESS _____

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	SERIAL NO.	JETS 32nd						DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
					1	2	3	4	5	6		FFFT	HRS.	FL/HR.		T	B	G

WT. ON BIT _____, 000# R.P.M. _____ ANN. VEL.: DP _____ DC _____ SURF. HHP _____
BIT H.P. _____ %HHP THRU BIT NOZ. _____ NOZ. VEL. _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM

DEPTHS & INCLINATIONS

_____ FT. _____ DEG.
_____ FT. _____ DEG.
_____ FT. _____ DEG.

DRILLING STRING:

D.P. SIZE & TYPE _____ D.C. THD _____ NO D.C. _____
LENGTH _____ O.D. _____ I.D. _____
BHA _____

BOP/PT DRILL: TIME OF DAY _____ REACTION TIME _____ MIN. W/ _____ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

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MORNING REPORT

LEASE & WELL Dev 78X DRILLING FOREMAN Uthman DAYS SINCE RELIEVED _____
FIELD/PROSPECT Douglas Creek Unit COUNTY Red Bluff STATE Colorado
DISTRICT Rocky M REPORT TAKEN BY: Tavosia SPUD DATE: 1-7-2000 DAYS SINCE SPURRED _____
T.O. 202 KB FT. D.L.G. PROGRESS _____ FT. IN _____ HRS. 7 DAYS SINCE SPURRED 198 KB
ACTIVITY @ REPORT TIME RORT's Pakard T DTV 1154 Hayes Rig #1

ACTIVITY LAST 24 HOURS		CODE NO.		DRILLING/COMPLETION COSTS	
HOURS		ITEM		DAILY	CUMULATIVE
7:00 A.M. - 8:00 A.M.					
7:00 - 8:00		110 Roads & Location			1000
8:00 - 9:00		120 Mob/Demol/Twinkey			
9:00 - 10:00		121-125 Contractor Charges Daywork		1806	3769.8
10:00 - 11:00		126 Downhole Rentals			
11:00 - 12:00		130 Mud & Chemicals			156.2
12:00 - 1:00		132 Completion Fluids			
1:00 - 2:00		133 Bbs			
2:00 - 3:00		135-136 Cementing			9016
3:00 - 4:00		138 Fuel			
4:00 - 5:00		140 Electric Logging			
5:00 - 6:00		141 Coring/DST/FMT			
6:00 - 7:00		142 Mud Logging			
7:00 - 8:00		144 Directional Services			
8:00 - 9:00		145 Fishing Tools & Service			
9:00 - 10:00		146 Water			2510
10:00 - 11:00		147 Surface Rentals			1900
11:00 - 12:00		175 Trucking			993
12:00 - 1:00		176 Boats			
1:00 - 2:00		177 Helicopter			
2:00 - 3:00		181-184 Testing/Perf./Simulation			
3:00 - 4:00		186 Environmental Compliance			
4:00 - 5:00		187 Misc. Labor & Services			5510
5:00 - 6:00		190 Supervision		200	8925
6:00 - 7:00		195 Contingencies @ 10%		250	2198
7:00 - 8:00		Total Intangible Costs		2750	78767
8:00 - 9:00		205-220 Tangible Equipment		1662	
9:00 - 10:00		Total Tangibles Costs			31031
10:00 - 11:00		Total Cost		4418	81869

DRILLING MUD PROPERTIES

WT (ppg) _____ FV (SEC) _____ API FL (cc) _____ HTHP FL (cc) _____ P.V (CP) _____ Y.P. (LB/100 FT) _____
% OIL _____ % LCM _____ % SOLIDS _____ ES/DH _____ ALK/Pi _____ Ex-Lm. _____ CL (PPM) _____
CWR/Ga _____ GELS (LB/100 FT): 10 SEC _____ 10 MIN _____ 30 MIN _____ CAKE (1/32") _____ MBT _____ LB/BBL _____

PUMP DATA NO.1 MODEL _____ LINE SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____
NO.2 MODEL _____ LINE SIZE _____ X _____ SPM _____ GPM _____ PUMP PRESS _____

BIT RECORD		JETS 33rd		DEPTH		TOTAL TWS BY		CUM. LOG. COND. DULL	
AT	OUT	WFA	TYPE	SERIAL NO	OUT	FT	IN	FT	IN

W. ON BIT _____ 0008 R.P.M. _____ ANN. VEL. DP _____ DC _____ SURF. HNP _____
BIT H P _____ WHP THRU BIT NOZ _____ NC% VEL _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM _____

DEPTHS & INCLINATIONS

FT. _____ DEG. _____ D.F. SIZE & TYPE _____ D.C. THD _____ NO D.C. _____
FT. _____ DEG. _____ LENGTH _____ O.D. _____ I.D. _____
PT _____ DEG. _____ BHA _____

ROP/FT MIN. _____ TIME OF DAY _____ REACTION TIME _____ MIN. _____ W _____ 2.5 MIN EXHAUST

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