



WELLNAME : DARNALL TRUST 24-17 #1 (RE)
 RIG NAME : MURFIN #25
 FIELD : ARCHER
 EVENT No. : 2

AFE No. : A5062
 WELL ID No. : 09720
 API No. : 05-017-
 EVENT DESC. :

DATE : 10/1/97 DSS : 1 DEPTH : 30.00 MUD WT : 8.30 CUM COST TO DATE : \$21,711

Hours PH OP ACT Activity Description

**** FIRST REPORT OF OPERATIONS****
 UPR DARNALL TRUST 24-17 #1, SECTION 17 (331' FSL & 1546' FWL), T-12S, R-44W, CHEYENNE COUNTY, COLORADO. AFE # A5062, TO RE-ENTER, COMPLETE AND EQUIP A VERTICAL MORROW GAS DEVELOPMENT WELL LOCATED 1 1/2 MILES NORTH OF THE ARCHER FIELD.

10.00	A	RU	RU	MOVE IN / RIG UP
1.00	D	OT	OT	DRILL MOUSE AND RAT HOLES
2.00	D	NU	NU	NIPPLE UP BOP AND FLOWLINE
1.00	D	OT	OT	STRAP DRILL PIPE
1.00	D	BH	BH	MAKE UP BHA, CALIPER DRILL COLLARS

COMMENCE DAYWORK AT 20.00 ON SEPTEMBER 30, 1997
 1.00 D DR DR DRILL ROTATE (0 - 30), LIGHT PLANT WENT DOWN, WAITING FOR DAYLIGHT TO RESUME OPERATIONS, REPLACEMENT LIGHT PLANT LEAVING YARD AT 6 AM.
 OFF DAYWORK AT 23.00 ON SEPTEMBER 30, 1997; UNABLE TO CONTINUE OPERATIONS DUE TO LACK OF STAND-BY LIGHT PLANT AFTER MAIN LIGHT PLANT WENT DOWN
 SAFETY TOPIC: LIGHTS OUT; DAYS SLTA: 42; WEATHER: 56 - 85F, CLEAR, CALM;
 TOTAL DAYWORK: 3 HOURS

DATE : 10/2/97 DSS : 2 DEPTH : 4,596.00 MUD WT : 8.30 CUM COST TO DATE : \$28,228

Hours PH OP ACT Activity Description

2.00	D	OT	OT	WAIT ON LIGHT PLANT
1.50	D	DL	DL	DRILL CEMENT (30 - 80)
2.50	D	TB	TB	RIG SERVICE AND TEST ANNULAR PREVENTER, TESTED 250 PSI FOR 5 MINUTES AND 750 PSI FOR 10 MINUTES AFTER RETIGHTENING FLANGE BOLTS SEVERAL TIMES

*** RESUMED DAYWORK AT 08.30 HRS ON OCTOBER 1, 1997***

5.00	D	DL	DL	DRILL CEMENT (80 - 270)
0.25	D	SR	SR	SERVICE RIG
1.50	D	DL	DL	DRILL CEMENT (270 - 419)
3.25	D	LD	LD	PICK UP DRILL PIPE, TAGGED CEMENT AT 2892
0.75	D	DL	DL	DRILL CEMENT (2892 - 2930)
0.25	D	CI	CI	CIRCULATE
1.75	D	LD	LD	PICK UP DRILL PIPE, TAGGED CEMENT AT 4389
1.25	D	DL	DL	DRILL CEMENT AND CAST IRON BRIDGE PLUG, PUMP SWEEPS AND WORK JUNK BASKET
0.25	D	LD	LD	PICK UP DRILL PIPE, TAGGED CEMENT AT 4570
1.00	D	DL	DL	DRILL CEMENT AND 1.5' OF CAST IRON BRIDGE PLUG, BIT TORQUING EXCESSIVELY, PUMP SWEEP, WORK JUNK BASKET
1.75	D	TR	TR	TRIP OUT OF HOLE
1.00	D	OT	OT	CLEAN OUT JUNK BASKETS AND REPLACE BIT

WEATHER: CLEAR, CALM, 52 - 83F; SAFETY TOPIC: PICKING UP DRILL PIPE, DAYS SLTA: 43; WATER: DAILY: 960 BBL, CUMULATIVE 2460 BBL



PERC OPERATIONS SUMMARY REPORT

WELLNAME : DARNALL TRUST 24-17 #1 (RE)	AFE No. : A5062	
RIG NAME : MURFIN #25	WELL ID No. : 09720	
FIELD : ARCHER	API No. : 05-017-	
EVENT No. : 2	EVENT DESC. :	

DATE : 10/3/97 **DSS :** 3 **DEPTH :** 5,508.00 **MUD WT :** 8.30 **CUM COST TO DATE :** \$68,735

Hours	PH	OP	ACT	Activity Description
0.25	D	BH	BH	MAKE UP BIT
2.25	D	TR	TR	TRIP IN HOLE WITH NEW BIT # 2
2.00	D	DL	DL	FINISH DRILLING BRIDGE PLUG, CIRCULATE AND SWEEP HOLE, WORK JUNK BASKET
1.00	D	LD	LD	PICK UP DRILL PIPE, TAGGED CEMENT AT 5377'
0.25	D	DL	DL	DRILL CEMENT
0.75	D	CI	CI	CIRCULATE AND SWEEP HOLE CLEAN
4.00	D	DL	DL	DRILL CAST IRON BRIDGE PLUG AT 5398'
0.50	D	CI	CI	CIRCULATE AND SWEEP HOLE, WORK JUNK BASKET
0.50	D	LD	LD	PICK UP DRILL PIPE AND TAG BOTTOM AT 5508'
0.25	D	LD	LD	LAY DOWN 5 JOINTS DRILL PIPE
1.00	D	CI	CI	CIRCULATE AND SWEEP HOLE CLEAN, RIG UP TO LAY DOWN DRILL PIPE
4.00	D	LD	LD	LAY DOWN DRILL PIPE AND DRILL COLLARS
1.25	D	NU	NU	NIPPLE DOWN ANNULAR PREVENTER AND FLOWLINE
0.50	D	RS	RS	RIG UP CASING CREW
3.50	D	RC	RC	RUN 125 JOINTS 4 1/2" N-80 11.6 LB/FT LT&C CASING TOTAL LENGTH 5385', SET AT 5375'; DAVIS-LYNCH PACKER-STAGE COLLAR DEPTH 5363', USED 12 CASING CENTRILIZERS (ON SHOE JOINT THEN ON EVERY FOURTH JOINT UP)
0.25	D	RS	RS	RIG DOWN CASING CREW, RIG UP CEMENTERS
0.75	D	OT	OT	ESTABLISH CIRCULATION, DROP BOMB AND WAIT FOR FREE FALL
0.50	D	OT	OT	INFLATE CASING PACKER AND OPEN TOOL, LOOKED GOOD FROM SURFACE INDICATIONS
0.50	D	CM	CM	CEMENTING CASING WITH 50 BBL WATER AHEAD. LEAD: 225 SACKS 50:50 POZ (C) + 6% GEL + 2% CACL2; TAIL: 75 SACKS CLASS C + 1% CACL2, DISPLACED WITH 83 BBL 2% KCL WATER, FULL RETURNS WEATHER: CLEAR, CALM, 59 - 90F; SAFETY TOPIC: RUNNING CASING, DAYS SLTA 44; WATER: DAILY:0 BBL, CUMULATIVE: 2460 BBL *** PRODUCTION DEPT NOTE: 6TH AND 7TH JOINTS FROM TD ARE SHORT ***

DATE : 10/4/97 **DSS :** 4 **DEPTH :** 5,508.00 **MUD WT :** 8.30 **CUM COST TO DATE :** \$79,201

Hours	PH	OP	ACT	Activity Description
				FINAL REPORT OF OPERATIONS
0.25	D	CM	CM	FINISH CEMENTING 4 1/2" PRODUCTION CASING SET AT 5375', PLUG DOWN AT 04.10, PRESSURE UP TO 3000 PSI TO CLOSE TOOL (1500 PSI OVER LIFTING PRESSURE), HELD OK, FULL RETURNS THROUGH OUT JOB, NO CEMENT TO SURFACE..
2.75	D	OT	OT	RIG DOWN CASERS, CLEAN CELLAR, SET SLIPS, CLEAN PITS. RIG RELEASED AT 07.00 ON OCTOBER 3, 1997 TRUCKS WILL BE AVAILABLE TO MOVE RIG TO SOUTHEAST SPEAKER 22-19 #2 ON TUESDAY OCTOBER 7.. WILL START LOCATION ON SATURDAY OCTOBER 5.. ALL RENTAL EQUIPMENT HAS BEEN RELEASED AND WILL BE LOADED OUT ON SATURDAY.

